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Natural Gas

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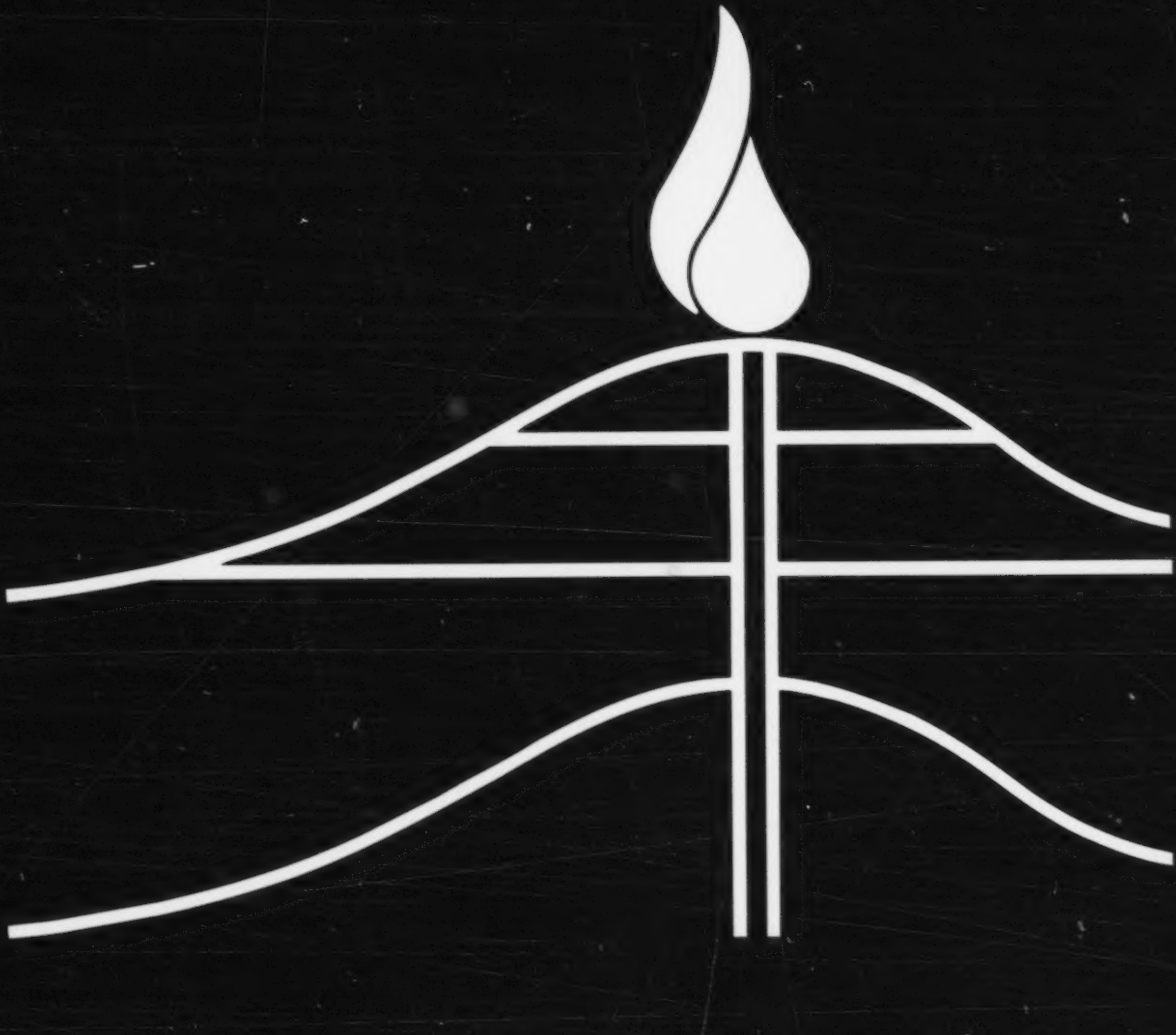
Annual
2001

Saskatchewan



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PREFACE

The 2001 Reservoir Annual has been compiled to consolidate pertinent information on all oil and gas reservoirs in Saskatchewan into a convenient reference manual. The main sections of the report contain oil and gas reserves data, development and producing data and information concerning enhanced recovery projects. The remaining sections present related reservoir information.

Publication of the Reservoir Annual commenced in 1963 and has since undergone a number of changes to improve the presentation and to increase the amount of information that is useful to both industry and government.

I would like to acknowledge the assistance of the oil and gas companies operating in Saskatchewan for submitting much of the material that has been used in the preparation of this report.

Eric Cline, Q.C.
Minister of Industry and Resources

Although the Department of Industry and Resources has exercised all reasonable care in the compilation, interpretation and production of this report, it is not possible to ensure total accuracy, and all persons who rely on the information contained herein do so at their own risk. The Department of Industry and Resources and the Government of Saskatchewan do not accept liability for any errors, omissions or inaccuracies that may be included in, or derived from, this report.

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INTRODUCTION

INTRODUCTION

The 2001 Reservoir Annual is published by Saskatchewan Industry and Resources to provide current statistical information with regard to performance and reservoir parameters of Saskatchewan oil and gas pools. The 2001 edition is subdivided into nine sections, each dealing with a specific type of reservoir data. Section B presents maps showing oil and gas pools, production and disposition areas, well spacing areas and other related information. Of considerable importance are sections C and D, which provide reservoir data and reserves for all provincial oil and gas pools broken down by unit and non-unit areas. Section E contains a listing of oil and gas units and provides such information as operator, producing zone, number of active wells and project data such as pattern type, commencement date and injection rates. The section titled "Development Data" presents information on natural depletion mechanism, enhanced recovery projects, well spacing and target areas for all Saskatchewan oil and gas pools. The remaining three sections include illustrations of typical producing well logs, pool pressure data and Maximum Permissive Rate factors. All reserve, production, pool boundary and well spacing information contained in this publication is as of December 31, 2001, unless otherwise noted.

The reserve values contained in the Reservoir Annual are "established reserves" as adopted from the recommendations of The Joint Industry/Government Task Force on Uniform Reserves Terminology. Established reserves are defined as those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing or production, plus that judgement portion of contiguous recoverable reserves that are interpreted to exist from geological, geophysical or similar information, with reasonable certainty.

A continued high level of exploration and development activity resulted in an all-time record of 24.7 million cubic metres of oil produced in 2001. Initial established oil reserves increased by 31.1 million cubic metres due to the addition of 1595 new or recompleted producing oil wells (including 466 producing horizontal wells) and 22 new or expanded waterflood/EOR projects. This was decreased to about 25.2 million cubic metres because of better definition of existing reserves. Reserve additions due to drilling came from all areas of the province. Provincial reserve increases exceeded production by 0.4 million cubic metres, resulting in a near record remaining established reserve figure of 185.6 million cubic metres at year end. Table 1 provides a more detailed look at the changes in oil reserves.

Natural gas production in 2001 was 7.431 billion cubic metres. Initial reserves of gas were increased by 4.642 billion cubic metres in 2001, resulting in a net decrease of 2.719 billion cubic metres and a remaining established reserves year-end value of 75.198 billion cubic metres. There were 1356 successful gas wells drilled in 2001.

The objective of this publication is to provide subscribers in the oil and gas industry with reliable and pertinent information on provincial oil and gas resources and any suggestions or comments on improvements in this regard would be welcomed by Saskatchewan Industry and Resources.

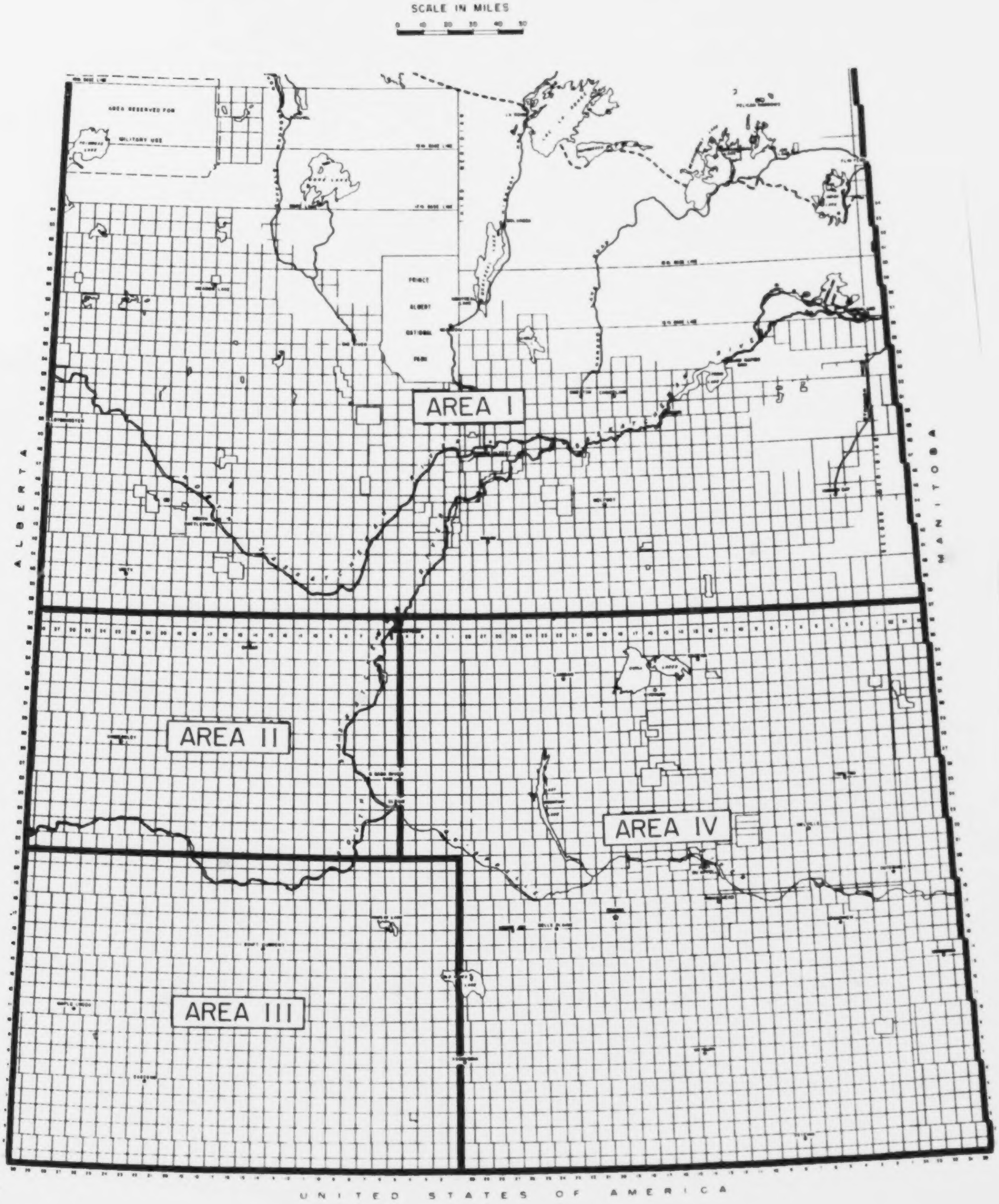
TABLE 1
REMAINING OIL RESERVES IN SASKATCHEWAN
(MILLION CUBIC METRES)

Area	Remaining Established Reserves (Dec 31/00)	2001 Additions to Reserves			2001 Production	Net Change in Reserves During 2001	Remaining Established Reserves (Dec 31/01)
		Revisions	Drilling & Recompletion	Total			
Area I - Heavy	61.294	-0.407	8.408	8.001	9.216	-1.215	60.079
Area II - Heavy	30.270	-1.453	1.612	0.159	3.001	-2.842	27.428
Area II - Light	4.459	0.001	0.372	0.373	0.558	-0.185	4.274
Area III- Medium	25.474	-0.307	1.124	0.817	3.078	-2.261	23.213
Area IV - Medium	31.493	5.018	6.313	11.331	4.203	7.128	38.621
Area IV - Light	32.189	-1.160	5.636	4.476	4.692	-0.216	31.973
PROVINCIAL TOTAL	185.179	1.692	23.465	25.157	24.748	0.409	185.588

POOL AND AREA

MAPS

SASKATCHEWAN
PETROLEUM AND NATURAL GAS
PRODUCTION AND DISPOSITION AREAS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AREA RESERVED FOR
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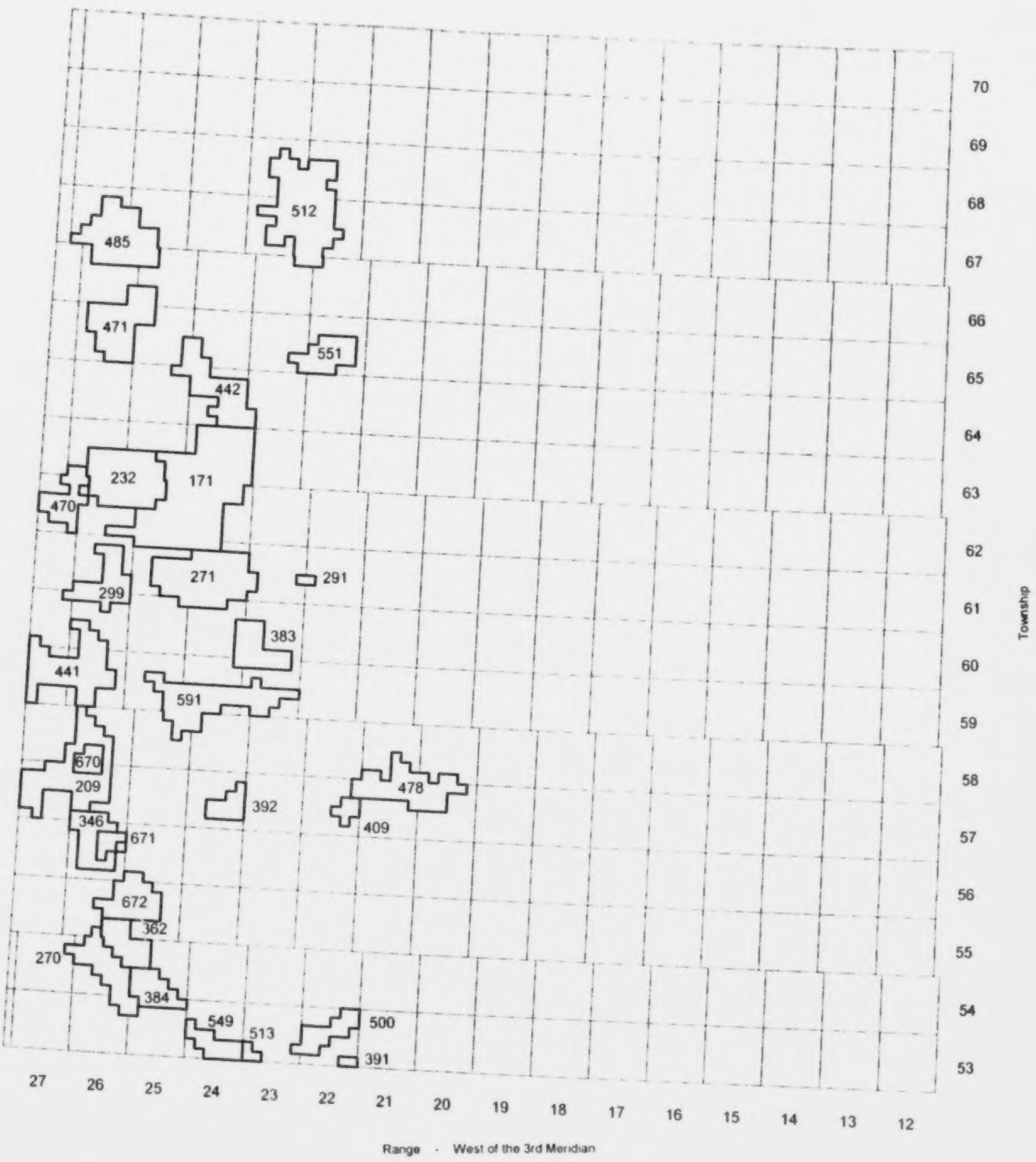
AREA II
AREA III
AREA IV
ALBERTA
MANITOBA
UNITED STATES OF AMERICA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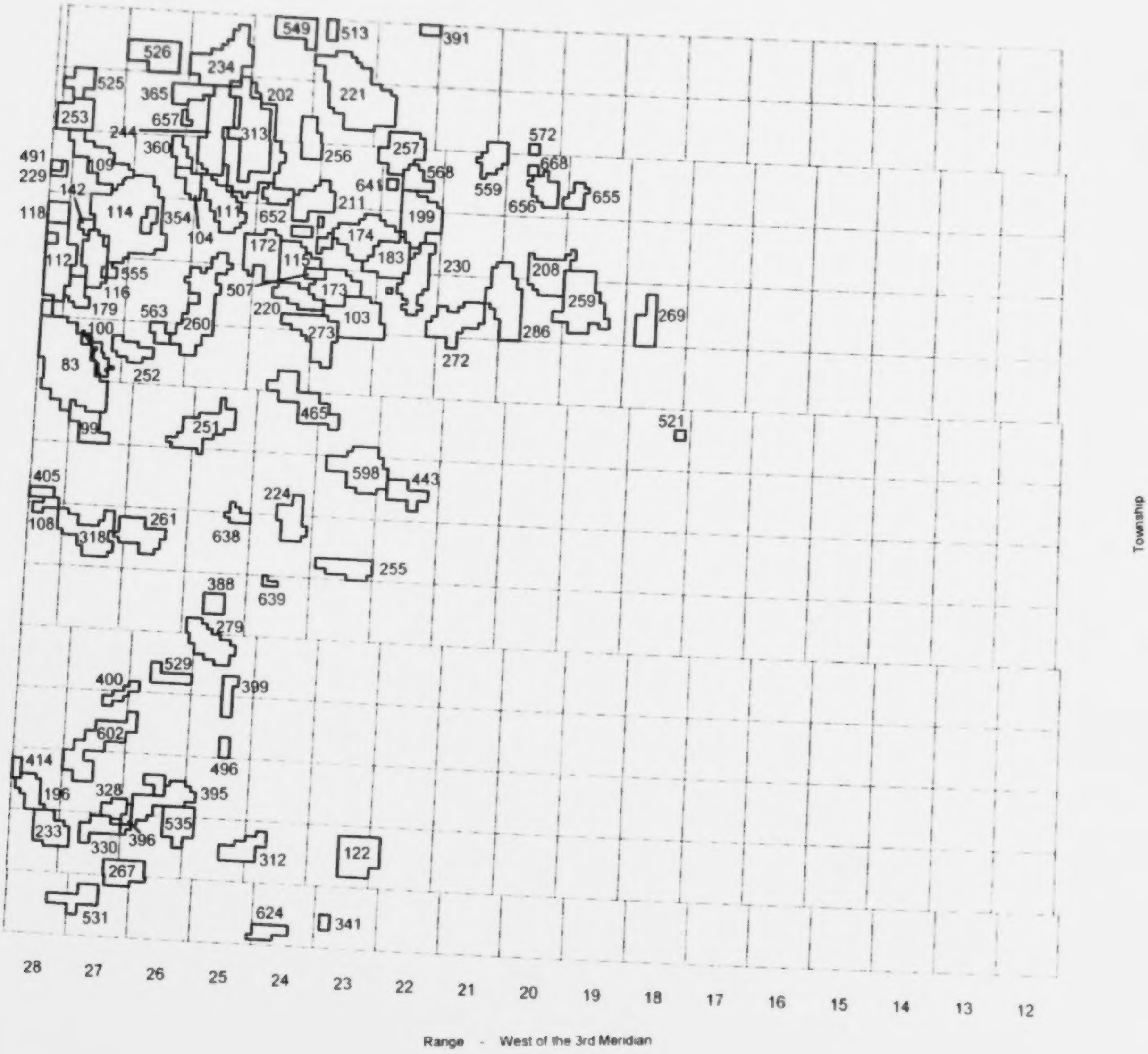
Range - West of the 3rd Meridian

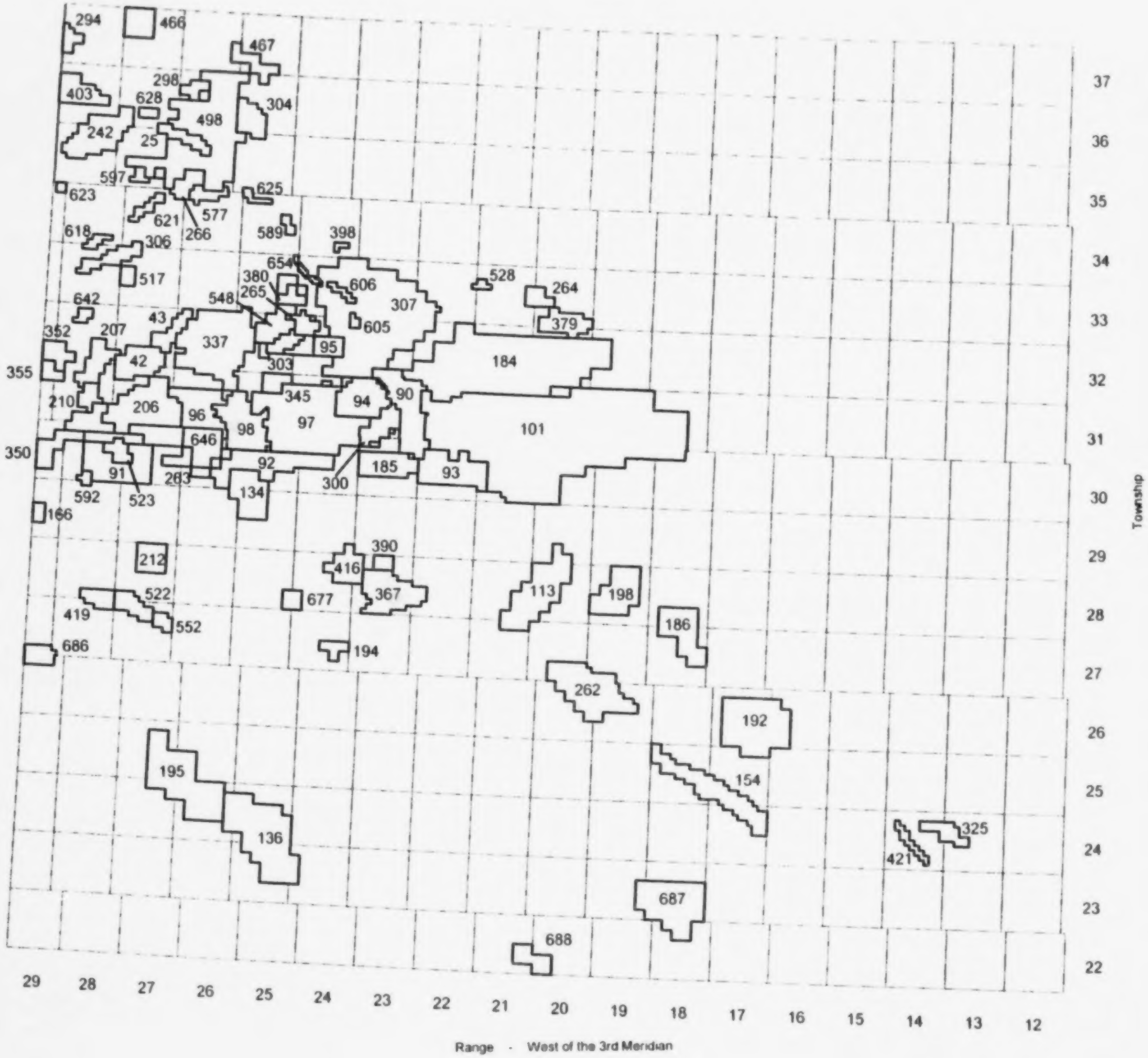
OIL & GAS POOLS - AREA I - NORTH HALF

171	Beacon Hill Mannville Sand Gas Pool
209	Peck Lake Colony Sand Gas Pool
232	Pierceland Mannville Sand Gas Pool
270	Fort Pitt Colony Sand Gas Pool
271	Beacon Hill South Mannville Sand Gas Pool
291	Flat Valley St. Walburg Sand Gas Pool
291	Flat Valley Colony Sand Gas Pool
299	Beacon Hill West Mannville Sand Gas Pool
346	Bronson Lake Colony Sand Gas Pool
346	Bronson Lake Waseca Sand Gas Pool
362	Fort Pitt North Colony Sand Gas Pool
362	Fort Pitt North Waseca Sand Gas Pool
383	Makwa Mannville Sand Gas Pool
384	Frenchman Butte St. Walburg Sand Gas Pool
384	Frenchman Butte Colony Sand Gas Pool
384	Frenchman Butte Waseca Sand Gas Pool
391	Spruce Lake Mannville Sand Gas Pool
392	Whelan St. Walburg Sand Gas Pool
392	Whelan Mannville Sand Gas Pool
409	Barthel Colony Sand Gas Pool
441	Mudie Lake Colony Sand Gas Pool
442	Bear Creek Mannville Sand Gas Pool
470	Pierceland West Colony Sand Gas Pool
471	Cold Lake Colony Sand Gas Pool
478	Loon Lake Colony Sand Gas Pool
485	Primrose Lake Mannville Sand Gas Pool
500	Spruce Lake North Colony Sand Gas Pool
512	Primrose Lake East Mannville Sand Gas Pool
513	Bolney Colony Sand Pool
549	Paradise Hill Colony Sand Gas Pool
549	Paradise Hill Waseca Sand Gas Pool
551	Gold Lake Colony Sand Gas Pool
591	Branch Lake Colony Sand Gas Pool
670	Peck Lake North Second White Specks Gas Pool
671	Peck Lake South Second White Specks Gas Pool
672	Bronson Lake South Colony Sand Gas Pool



OIL & GAS POOLS - AREA I - SOUTH HALF

83	Epping Sparky Sand Pool
83	Epping G.P. Sand Pool
83	Epping Mannville Sands Pool
99	Epping South Sparky Sand Pool
100	Lone Rock Sparky Sand Pool
103	Golden Lake South Sparky Sand Pool
103	Golden Lake South Waseca Sand Pool
103	Golden Lake South Mannville Sands Pool
104	Landrose Waseca Sand Pool
104	Landrose McLaren Sand Pool
108	Marsden Sparky Sand Pool
109	Northminster Sparky Sand Pool
111	Big Gully McLaren Sand Pool
111	Big Gully Waseca Sand Pool
112	Silverdale Sparky Sand Pool
114	Aberfeldy Sparky Sand Pool
115	Lashburn McLaren Sand Pool
115	Lashburn Waseca Sand Pool
115	Lashburn Sparky Sand Pool
116	Dulwich Sparky Sand Pool
118	Lloydminster Colony Sand Gas Pool
122	Unity South Viking Sand Gas Pool
122	Unity South Sparky Sand Gas Pool
122	Unity South Unity Sand Gas Pool
142	Dulwich North Sparky Sand Pool
172	Forest Bank Mannville Sands Pool
172	Forest Bank Sparky Sand Pool
172	Forest Bank Waseca Sand Pool
173	Golden Lake North Waseca Sand Pool
173	Golden Lake North Sparky Sand Pool
173	Golden Lake North Mannville Sands Pool
174	Gully Lake Waseca Sand Pool
179	Furness Sparky Sand Pool
183	Dee Valley Waseca Sand Pool
196	Eyehill Cummings Dina Sand Pool
199	Standard Hill Waseca Sand Pool
202	Tangleflags Lloydminster Sand Pool
202	Tangleflags Sparky Sand Pool
202	Tangleflags G.P. Sand Pool
202	Tangleflags Mannville Sands Pool
202	Tangleflags McLaren Sand Pool
202	Tangleflags Waseca Sand Pool
208	Edam North Waseca Sand Pool
208	Edam North Sparky Sand Pool
208	Edam North Lloydminster Sand Pool
211	Pikes Peak Waseca Sand Pool
211	Pikes Peak Sparky Sand Pool
211	Pikes Peak G.P. Sand Pool
220	Lashburn South Waseca Sand Pool
220	Lashburn South Sparky Sand Pool
221	Celtic Waseca Sand Pool
221	Celtic Sparky Sand Pool
221	Celtic Mannville Sands Pool
221	Celtic G.P. Sand Pool
224	Freemont Waseca Sand Pool
224	Freemont Sparky Sand Pool
224	Freemont Mannville Sands Pool
229	Lloydminster Sparky Sand Pool
230	Dee Valley East Waseca Sand Pool
230	Dee Valley East Sparky Sand Pool
230	Dee Valley East Mannville Sands Pool
233	Macklin Sparky Sand Pool
234	Tangleflags North G.P. Sand Pool
234	Tangleflags N. Lloyd.-Cummings Sand Pool
244	Tangleflags West Sparky Sand Pool
244	Tangleflags West G.P. Sand Pool
244	Tangleflags West Lloyd. Sand Pool
244	Tangleflags West McLaren Sand Pool
244	Tangleflags West Mannville Sands Pool
251	Neilburg McLaren Sand Pool
251	Neilburg Colony Sand Pool
251	Neilburg Mannville Sands Pool
252	Buzzard Lloydminster Sand Pool
253	Northminster North Sparky Sand Pool
253	Northminster North G.P. Sand Pool
255	Baldwinton Sparky Sand Pool
256	Tangleflags East McLaren Sand Pool
257	Westhazel Sparky Sand Pool
257	Westhazel G.P. Sand Pool
257	Westhazel Mannville Sands Pool
257	Westhazel Waseca Sand Pool
259	Edam Waseca Sand Pool
260	Lashburn West Sparky Sand Pool
261	Marsden South Sparky Sand Pool
267	Senlac Lloydminster Sand Pool
269	Cavalier Spinney Hill Sand Gas Pool
272	Rush Lake Waseca Sand Pool
272	Rush Lake Sparky Sand Pool
272	Rush Lake Mannville Sands Pool
272	Rush Lake G.P. Sand Pool
273	Maidstone McLaren Sand Pool
273	Maidstone Waseca Sand Pool
273	Maidstone Mannville Sands Pool
279	Winter Cummings Sand Pool
286	Edam West Waseca Sand Pool
286	Edam West Sparky/G.P. Sand Pool
286	Edam West Mannville Sands Pool
312	Salt Lake Lloydminster Sand Pool
313	Tangleflags Second White Specks Gas Pool
313	Tangleflags St. Walburg Sand Gas Pool
313	Tangleflags Colony Sand Gas Pool
313	Tangleflags McLaren Sand Gas Pool
318	Manito Lake Sparky Sand Pool
328	Evesham North McLaren Sand Pool
328	Evesham North Sparky Sand Pool
328	Evesham North Mannville Sands Pool
330	Evesham Sparky Sand Pool
341	Ear Lake Waseca Sand Pool
354	Aberfeldy G.P. Sand Pool
360	Big Gully North Lloydminster Sand Pool
365	Hillmond Sparky Sand Pool
365	Hillmond G.P. Sand Pool
388	Manito Lake East McLaren Sand Pool
391	Spruce Lake Mannville Sand Gas Pool
395	Senlac Cummings Dina Sand Pool
396	Senlac Waseca Sand Pool
399	Winter South Cummings Sand Pool
400	Long Lake Waseca Sand Pool
405	Marsden North Sparky Sand Pool
414	Eyehill North Cummings Sand Pool
414	Eyehill North Sparky Sand Pool
443	Carruthers Colony Sand Gas Pool
465	Soda Lake Cummings Sand Pool
491	Lloydminster North Colony Sand Gas Pool
496	Rutland Cummings Dina Sand Pool
507	Lashburn McLaren Sand Gas Pool
513	Bolney Colony Sand Pool
521	Meota Lloydminster Sand Pool
525	Rex Lloydminster Sand Pool
526	Hillmond Colony Sand Gas Pool
528	Hillmond Lloydminster Sand Gas Pool
529	Yonker Colony Sand Gas Pool
529	Yonker McLaren Sand Gas Pool
531	Hallam Colony Sand Gas Pool
531	Hallam Waseca Sand Gas Pool
535	Senlac McLaren Sand Gas Pool
535	Senlac Sparky Sand Gas Pool
549	Paradise Hill Colony Sand Gas Pool
549	Paradise Hill Waseca Sand Gas Pool
555	Dulwich East Sparky Sand Pool
555	Dulwich East G.P. Sand Pool
555	Dulwich East Rex Sand Pool
559	Mervin Waseca Sand Pool
563	Buzzard North Waseca Sand Pool
563	Buzzard North Sparky Sand Pool
563	Buzzard North G.P. Sand Pool
563	Buzzard North Lloydminster Sand Pool
563	Buzzard North Mannville Sand Pool
568	Standard Hill North Waseca Sand Pool
568	Standard Hill North Sparky Sand Pool
568	Standard Hill North G.P. Sand Pool
568	Standard Hill North Rex Sand Pool
572	Turtleford Waseca Sand Pool
572	Turtleford Sparky Sand Pool
598	Carruthers Cummings Sand Pool
602	Drake Lake Colony Sand Gas Pool
624	Reward Waseca Sand Pool
638	Freemont West Sparky Sand Pool
639	Freemont South Colony Sand Pool
641	Standard Hill West McLaren Sand Pool
652	Big Gully East Sparky Sand Pool
655	Mervin East Waseca Sand Pool
656	Mervin South Waseca Sand Pool
657	Hillmond South Sparky Sand Pool
668	Mervin Central Sparky Sand Pool
668	Mervin Central Waseca Sand Pool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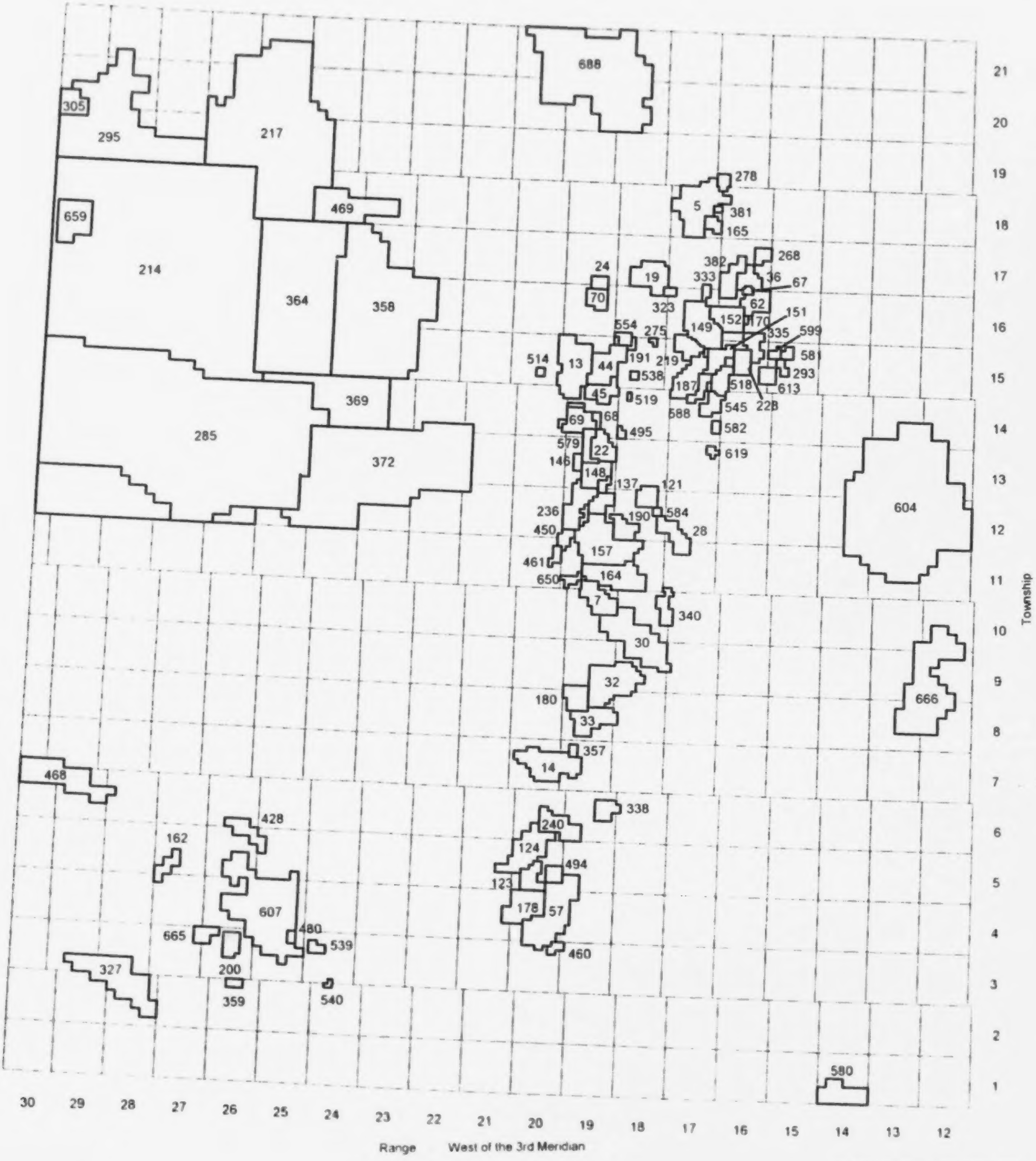
Range - West of the 3rd Meridian

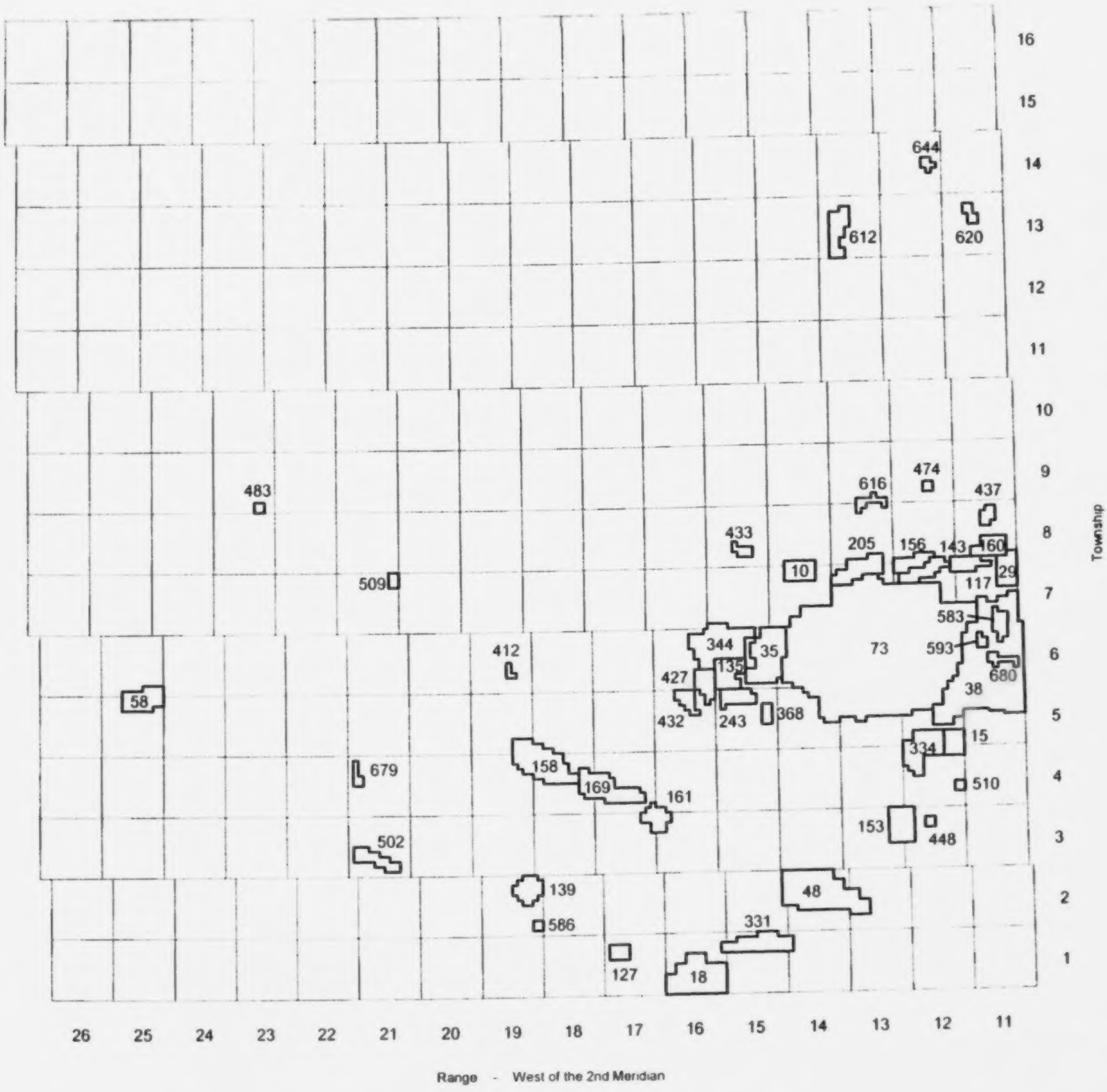
OIL & GAS POOLS - AREA II

25	Plover Lake McLaren Sand Pool
42	North Hoosier Bakken Sand Pool
43	North Hoosier Basal Mannville Sand Pool
90	Eureka Viking Pool
91	Milton Viking Sand Gas Pool
92	Whiteside Viking Sand Pool
93	Avon Hill Viking Pool
94	Coleville Bakken Sand Pool
94	Coleville Mannville Sand Pool
95	Buffalo Coulee Bakken Sand Pool
96	Hoosier Viking Gas Pool
97	Coleville-Smiley Viking Gas Pool
98	Smiley-Dewar Viking Pool
101	Dodsland Viking Sand Pool
113	Brock Viking Sand Gas Pool
134	Whiteside Ribstone Creek Sand Gas Pool
136	Bayhurst Viking Gas Pool
154	Plato Viking Pool
166	Alsask Basal Mannville Sand Pool
184	Dodsland North Viking Gas Pool
185	Lucky Hills Viking Pool
186	Totnes Viking Gas Pool
192	Greenan Viking Gas Pool
194	Glidden Viking Gas Pool
195	Bayhurst West Viking Gas Pool
198	Brock East Viking Gas Pool
206	Hoosier Bakken Sand Pool
207	Fusilier Bakken Sand Pool
210	Loverna Success Pool
212	Marengo Viking Gas Pool
242	Cactus Lake Basal Mannville-Bakken Sand Pool
262	Plato North Viking Pool
263	Whiteside West Viking Sand Gas Pool
264	Druid Mannville Sands Pool
265	Buffalo Coulee North Bakken Sand Pool
266	Plover Lake Bakken Sand Pool
294	Cosine Lake Lloydminster Sand Pool
298	Hearts Hill Bakken Sand Pool
300	Coleville South Bakken Sand Pool
300	Coleville South Mannville Sand Pool
303	North Smiley Bakken Sand Pool
304	Luseland Bakken Sand Pool
306	Court Bakken Sand Pool
307	Kerrobert Viking Sand Pool
325	Forgan Viking Sand Pool
326	Whiteside West Ribstone Creek Sand Gas Pool
337	Prairiedale Viking Sand Pool
348	Driver Mannville Sand Gas Pool
348	Driver Bakken Sand Gas Pool
350	Loverna South Viking Gas Pool
350	Loverna South Bakken Sand Gas Pool
352	Loverna North Mannville Sand Gas Pool
352	Loverna North Bakken Sand Gas Pool
355	Loverna West Bakken Sand Gas Pool
367	Verendrye Viking Sand Pool
379	Plenty Viking Sand Pool
380	Superb Bakken Sand Gas Pool
390	Verendrye North Viking Sand Gas Pool
398	Onward Basal Mannville Sand Pool
403	Cactus Lake North McLaren Sand Pool
416	Kindersley Viking Gas Pool
419	Marengo South Basal Mannville Sand Pool
421	Forgan West Viking Sand Pool
464	Coleville South Success Pool
466	Primate Mannville Sand Gas Pool
467	Salvador Mannville Sand Gas Pool
498	Luseland Viking Sand Gas Pool
517	Court South Bakken Sand Pool
522	Mantario North Basal Mannville Sand Pool
523	Milton Bakken Sand Pool
528	Ermine Mannville Sands Pool
548	Prairiedale East Viking Gas Pool
552	Mantario East Basal Mannville Sand Pool
577	Plover Lake East Bakken Sand Pool
589	Superb North Waseca Sand Pool
592	Milton South Bakken Sand Pool
592	Milton South Success Pool
597	Plover Lake West Bakken Sand Pool
600	Coleville West Bakken Sand Pool
605	Kerrobert Mannville Sand Pool
606	Kerrobert North Mannville Sand Pool
617	Smiley Bakken Sand Pool
618	Court North Bakken Sand Pool
621	Plover Lake South Bakken Sand Pool
623	Court West Bakken Sand Pool
625	Luseland Mannville Sand Pool
628	Cactus Lake East Bakken Sand Pool
642	Fusilier North Bakken Sand Pool
646	Hoosier South Bakken Sand Gas Pool
654	Superb Waseca Sand Pool
677	Kindersley South Viking Sand Gas Pool
686	Cuthbert Basal Mannville Sand Pool
687	Lacadena Milk River Gas Pool
688	Abbey Milk River Gas Pool



OIL & GAS POOLS - AREA III

5	Baltrum Roseray Sand Pool
7	Bone Creek Upper Shaunavon Pool
13	Delta Upper Shaunavon Pool
14	Dollard Upper Shaunavon Pool
19	Fosterton Roseray Sand Pool
22	Gull Lake North Upper Shaunavon Pool
24	Hazlet Roseray Sand Pool
28	Herbrun Upper Shaunavon Pool
30	Instow Upper Shaunavon Pool
32	Leitchville Shaunavon Pool
33	Leon Lake Shaunavon Pool
36	Main Success Roseray Sand Pool
44	North Premier Roseray Sand Pool
45	North Premier Upper Shaunavon Pool
57	Rapdan Upper Shaunavon Pool
62	South Success Roseray Sand Pool
67	Success Roseray Sand Pool Alpha Pool
68	Suffield Upper Shaunavon Pool
69	Suffield Roseray Sand Pool
70	Verlo Roseray Sand Pool
121	Covington Upper Shaunavon Pool
123	Eastbrook Shaunavon Pool
124	Whitemud Shaunavon Pool
137	Gull Lake South Upper Shaunavon Pool
146	Gull Lake Central Upper Shaunavon Pool
148	Gull Lake Basal Cantuar Sand Pool
149	Cantuar Main Cantuar Sand Pool
149	Cantuar Roseray Sand Pool
151	Beverley Roseray Sand Pool
152	Cantuar East Roseray Sand Pool
157	Butte Upper Shaunavon Pool
162	Consul Second White Specks Gas Pool
162	Consul Upper Shaunavon Gas Pool
164	Bench Upper Shaunavon Pool
165	Pennant Upper Shaunavon Pool
170	Cantuar East Cantuar Sand Pool
178	Rapdan West Shaunavon Pool
180	Cantonville Shaunavon Pool
187	Beverley Cantuar Sand Pool
190	Covington West Upper Shaunavon Pool
191	Antelope Lake Upper Shaunavon Pool
200	Battle Creek Upper Shaunavon Pool
200	Battle Creek Madison Pool
214	Hatton Medicine Hat Sand Gas Pool
214	Hatton Milk River Medicine Hat Gas Pool
214	Hatton Milk River Gas Pool
217	Liebenthal Milk River Gas Pool
219	Beverley North Cantuar Sand Pool
228	Beverley East Cantuar Gas Pool
236	Butte West Upper Shaunavon Pool
240	Eastend Shaunavon Pool
268	Success North Roseray Sand Pool
275	Antelope Lake East Roseray Sand Pool
278	Baltrum North Roseray Sand Pool
285	Bigstick Second White Specks Gas Pool
293	Java Cantuar Sand Pool
295	Burstall Milk River Gas Pool
295	Burstall Milk River Medicine Hat Gas Pool
295	Burstall Medicine Hat Sand Gas Pool
305	Burstall North Viking Sand Gas Pool
323	Fosterton South Cantuar Sand Pool
323	Fosterton South Roseray Sand Pool
327	Senate Second White Specks Gas Pool
333	Cantuar North Roseray Sand Pool
335	Beverley East Cantuar Sand Pool
338	Chambery Upper Shaunavon Pool
340	Notukeu Upper Shaunavon Pool
357	Dollard Lower Shaunavon Pool
358	Freefight Milk River Gas Pool
359	Battle Creek South Upper Shaunavon Pool
364	Ingebrigt Milk River Gas Pool
369	Crane Lake Milk River Gas Pool
369	Crane Lake Medicine Hat Sand Gas Pool
369	Crane Lake Milk River Medicine Hat Gas Pool
372	Crane Lake South Milk River Gas Pool
372	Crane Lake S. Second White Specks Gas Pool
372	Crane Lake South Medicine Hat Sand Gas Pool
372	Crane Lake South MR Medicine Hat Gas Pool
381	Baltrum East Roseray Sand Pool
382	Wheat Valley Cantuar Sand Gas Pool
428	Cypress Second White Specks Gas Pool
450	Gardenhead Upper Shaunavon Pool
460	Rapdan South Upper Shaunavon Pool
461	Gardenhead South Upper Shaunavon Pool
468	Merryflat Second White Specks Gas Pool
469	Freefight North Milk River Gas Pool
480	Rangeview Madison Pool
494	Rapdan North Lower Shaunavon Pool
495	Gull Lake Roseray Sand Pool
514	Delta West Upper Shaunavon Pool
518	Webb Cantuar Sand Pool
519	Antelope Lake South Roseray Sand Pool
538	Antelope Lake North Success Roseray Sand
538	Antelope Lake North Cantuar Sand Pool
539	Rangeview East Madison Pool
540	Divide Madison Pool
545	Webb South Cantuar Sand Pool
554	Antelope Lake Roseray Sand Pool
579	Suffield Basal Cantuar Sand Pool
580	Monchy Second White Specks Gas Pool
581	Java North Cantuar Sand Pool
582	Antelope Cantuar Sand Pool
584	Covington South Upper Shaunavon Pool
588	Webb West Cantuar Sand Pool
599	Java West Cantuar Sand Pool
604	Wymark Second White Specks Gas Pool
607	Vidora Bearpaw Sand Gas Pool
607	Vidora Belly River Sand Gas Pool
607	Vidora Bearpaw Belly River Sands Gas Pool
613	Seward Success Sand Pool
613	Seward Cantuar Sand Pool
619	Ross Lake Cantuar Sand Pool
650	Bone Creek West Upper Shaunavon Pool
659	Horsham Ribstone Creek Sand Gas Pool
665	Battle Creek West Milk River Gas Pool
665	Battle Creek West Second White Specks Gas Pool
666	Cadillac Second White Specks Gas Pool
688	Abbey Milk River Gas Pool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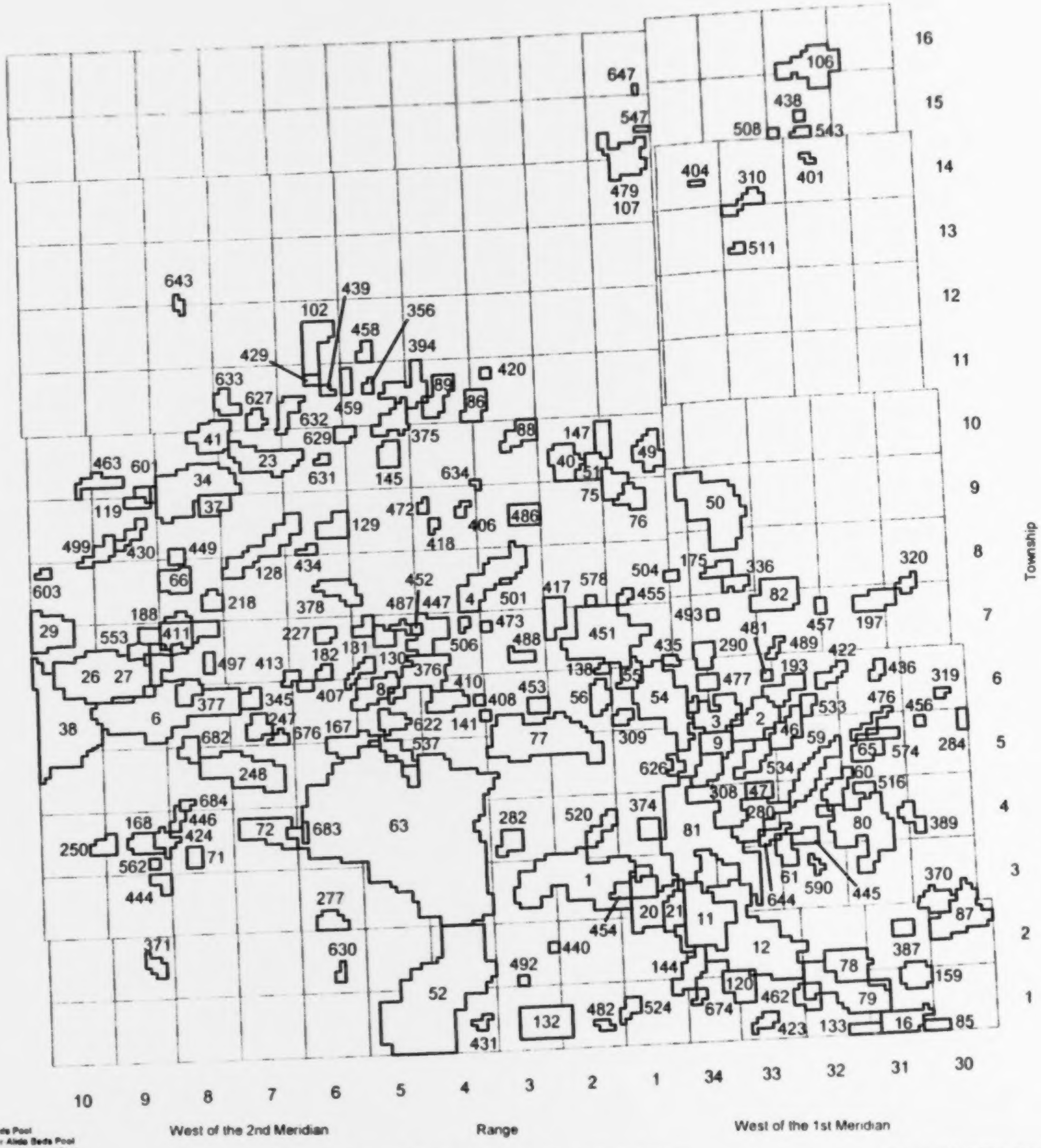
Range - West of the 2nd Meridian

OIL & GAS POOLS - AREA IV - WEST HALF

10	Ralph West Midale Beds Pool
15	Elswick East Midale Beds Pool
18	Flat Lake Ratcliffe Beds Pool
29	Innes Frobisher Beds Pool
35	Lougheed Midale Beds Pool
38	Midale Central Frobisher Beds Pool
38	Midale Central Midale Beds Pool
48	Oungre Ratcliffe Beds Pool
58	Roncott Bakken Sand Pool
73	Weyburn Frobisher Beds Pool
73	Weyburn Midale Beds Pool
117	West Innes Frobisher Beds Pool
127	Lake Alma Ratcliffe Beds Pool
135	Tatagwa Central Midale Beds Pool
139	Hummingbird Birdbear Pool
139	Hummingbird Ratcliffe Beds Pool
139	Hummingbird Bakken Sand Pool
143	Hume Frobisher Beds Pool
153	Bromhead Midale Beds Pool
156	Hume Midale Beds Pool
158	Freda Lake Ratcliffe Beds Pool
160	Griffin Frobisher Beds Pool
161	Neptune Ratcliffe Beds Pool
169	Skinner Lake Ratcliffe Beds Pool
205	Ralph Midale Beds Pool
243	Tatagwa Midale Beds Pool
331	Hoffer Ratcliffe Beds Pool
334	Elswick Midale Beds Pool
344	Tatagwa North Midale Beds Pool
368	Colgate Midale Beds Pool
412	Ceylon Bakken Sand Pool
427	Tatagwa West Midale Beds Pool
432	Neptune North Midale Beds Pool
433	Union Jack Midale Beds Pool
437	Griffin North Frobisher Beds Pool
448	Bromhead East Red River Pool
474	Brough Frobisher Beds Pool
483	Dahinda Madison Pool
502	Minton Red River Pool
502	Minton Winnipegosis Pool
509	Amulet Ratcliffe Beds Pool
510	Elswick South Midale Beds Pool
583	Midale Red River Pool
586	Hummingbird South Bakken Sand Pool
586	Hummingbird South Ratcliffe Beds Pool
593	Midale West Red River Pool
612	Tyvan Red River Pool
616	Mansur Red River Pool
620	Montmartre Red River Pool
644	Chapleau Lake Red River Pool
679	Hardy South Red River Pool
680	Midale South Red River Pool



OIL & GAS POOLS - AREA IV - EAST HALF

1	Alameda Midale Beds Pool
2	Alida East Frobisher-Alida Beds Pool
3	Alida West Frobisher-Alida Beds Pool
4	Arcola Frobisher-Alida Beds Pool
6	Benson Midale Beds Pool
8	Browning Frobisher-Alida Beds Pool
9	Cantal Frobisher-Alida Beds Pool
11	Carnduff Frobisher Beds Pool
12	Carnduff Midale Beds Pool
16	Elmore Frobisher Beds Pool
18	Elmore Midale Beds Pool
20	Glen Ewen Frobisher Beds Pool
21	Glen Ewen Midale Beds Pool
23	Handsworth Alida Beds Pool
26	Huntoon Midale Beds Pool
27	Huntoon Frobisher Beds Pool
29	Innes Frobisher Beds Pool
34	Lost Horse Hill Frobisher-Alida Beds Pool
37	Melrose Frobisher-Alida Beds Pool
38	Midale Central Frobisher Beds Pool
39	Midale Central Midale Beds Pool
40	Moose Mountain Tilston Beds Pool
41	North Handsworth Alida Beds Pool
46	Nottingham Alida Beds Pool
47	Oakley Frobisher Beds Pool
49	Parkman Souris Valley Beds Pool
50	Parkman Tilston-Souris Valley Beds Pool
51	Parkman Tilston Beds Pool
52	Pinto Frobisher Beds Pool
52	Pinto Midale Beds Pool
54	Queensdale East Frobisher-Alida Beds Pool
55	Queensdale North Alida Beds Pool
56	Queensdale West Alida Beds Pool
58	Rosebank Alida Beds Pool
60	Rosebank South Alida Beds Pool
61	Silverton Frobisher Beds Pool
62	Steelman Frobisher Beds Pool
63	Steelman Midale Beds Pool
65	Storthoaks Alida Beds Pool
66	Stoughton Frobisher-Alida Beds Pool
71	View Hill Midale Beds Pool
72	West Kingsford Midale Beds Pool
75	White Bear Tilston Beds Pool
76	White Bear Tilston-Souris Valley Beds Pool
77	Willmar Frobisher Alida Beds Pool
78	Workman Frobisher Beds Pool
79	Workman Midale Beds Pool
80	Ingoldsby Frobisher-Alida Beds Pool
81	Hastings Frobisher Beds Pool
82	Lightning Tilston Beds Pool
85	North Antler Midale Beds Pool
86	South Fletwode Tilston Beds Pool
87	Gainsborough Frobisher-Alida Beds Pool
88	Kenosee Tilston Beds Pool
89	Hazelwood Tilston Beds Pool
102	Moose Valley Tilston Beds Pool
106	Rocanville Bakken Sand Pool
107	Wapella Sand Pool
119	Hartaven Frobisher Alida Beds Pool
120	Souris Flat Frobisher Beds Pool
128	Freestone Frobisher-Alida Beds Pool
129	Star Valley Frobisher-Alida Beds Pool
130	Clarilaw Frobisher-Alida Beds Pool
131	Clarilaw West Frobisher-Alida Beds Pool
132	Northgate Frobisher Beds Pool
132	Northgate Midale Beds Pool
133	Sherwood Frobisher Beds Pool
138	Wildwood Alida Beds Pool
141	Dalesboro Frobisher-Alida Beds Pool
144	Florence Frobisher Beds Pool
145	Warmley Alida Beds Pool
147	Crystal Hill Souris Valley Beds Pool
159	Winmore Frobisher Beds Pool
167	Wow Hill Frobisher Beds Pool
168	Macoun Midale Beds Pool
175	Parkman South Tilston Souris Valley Beds Pool
182	Morrisview Frobisher Alida Beds Pool
188	Viewfield Frobisher Beds Pool
193	Edenvale Tilston Beds Pool
197	Frys Tilston Souris Valley Beds Pool
218	Stoughton South Frobisher Beds Pool
227	Kisbey Birdbear Pool
247	Minard Midale Beds Pool
248	Bryant Midale Beds Pool
248	Bryant Frobisher Beds Pool
250	Macoun West Midale Beds Pool
277	Bienfait Midale Beds Pool
280	Hastings East Frobisher Beds Pool
282	Alameda West Midale Beds Pool
282	Alameda West Frobisher Beds Pool
284	Fertile Tilston Beds Pool
290	Wauchope Alida-Tilston Beds Pool
308	Cantal South Frobisher-Alida Beds Pool
309	Auburnton Frobisher-Alida Beds Pool
310	Red Jacket Sand Pool
310	Red Jacket Gravelbourg Pool
319	Fertile Tilston-Souris Valley Beds Pool
320	Frys East Tilston-Souris Valley Beds Pool
336	Wauchope North Tilston Beds Pool
345	Benson East Midale Beds Pool
356	Hazelwood West Tilston Beds Pool
370	Gainsborough North Frobisher Alida Beds Pool
371	Tableland Winnipegosis Pool
374	Hastings West Frobisher Beds Pool
375	Hazelwood South Tilston Beds Pool
376	Wordsworth Frobisher Alida Beds Pool
377	Benson Frobisher Beds Pool
378	Kisbey Frobisher-Alida Beds Pool
387	Gainsborough West Frobisher Beds Pool
389	Ingoldsby East Alida Beds Pool
394	Hazelwood Central Tilston Beds Pool
401	Moosomin Red Jacket Sand Pool
404	Coolhill Red Jacket Sand Pool
406	Bennett Lake Alida Beds Pool
407	Browning North Frobisher Alida Beds Pool
408	Dalesboro North Frobisher Alida Beds Pool
410	Willmar West Frobisher Beds Pool
411	Viewfield Rim Pool
413	Morrisview West Frobisher Alida Beds Pool
417	Carlyle South Lower Watrous Pool
418	Arcola North Alida Beds Pool
420	Kennedy Souris Valley Beds Pool
422	Nottingham North Tilston Beds Pool
423	Souris Flat South Frobisher Beds Pool
424	Macoun Winnipegosis Pool
429	Moose Valley South Tilston Beds Pool
430	Heward Frobisher Beds Pool
431	North Portal Midale Beds Pool
434	Star Valley South Frobisher-Alida Beds Pool
435	Wauchope West Alida Beds Pool
436	Bellegarde Tilston Beds Pool
438	Welwyn Bakken Sand Pool
439	Bender South Tilston Beds Pool
440	Openshaw Frobisher Beds Pool
444	Hitchcock Winnipegosis Pool
445	Silverton North Frobisher Beds Pool
446	Macoun North Winnipegosis Pool
447	Buffalo Head Frobisher-Alida Beds Pool
449	Stoughton North Frobisher Beds Pool
451	Manor Lower Watrous-Alida Beds Pool
452	Buffalo Head Bakken Sand Pool
453	Willmar North Frobisher-Alida Beds Pool
454	Oxbow Frobisher Beds Pool
455	Manor North Lower Watrous Pool
456	Storthoaks East Tilston Beds Pool
457	Redvers Tilston Beds Pool
458	Bender Tilston Beds Pool
459	Bender Central Tilston Beds Pool
462	Workman South Frobisher Beds Pool
463	Creelman Alida Beds Pool
472	Thirty Lake Alida Beds Pool
473	Arcola South Frobisher-Alida Beds Pool
476	Storthoaks North Tilston Beds Pool
477	Wauchope South Alida Beds Pool
479	Wapella Mannville Sand Pool
481	Edenvale North Tilston Beds Pool
482	Northgate East Frobisher Beds Pool
486	Big Marsh Lake Tilston Beds Pool
487	Clarilaw East Frobisher-Alida Beds Pool
488	Wordsworth East Frobisher Beds Pool
489	Lightning South Tilston Beds Pool
492	Pinto East Midale Beds Pool
493	Wauchope Central Tilston Beds Pool
497	Viewfield East Frobisher Beds Pool
499	Heward South Frobisher Beds Pool
501	Fremantle Lower Watrous Pool
504	Servica Tilston Beds Pool
506	Wordsworth North Frobisher-Alida Beds Pool
508	Welwyn Red Jacket Pool
511	Red Jacket South Red Jacket Sand Pool
516	Ingoldsby North Alida Beds Pool
520	Alameda East Frobisher Beds Pool
524	Elcott East Midale Beds Pool
533	Nottingham East Tilston Beds Pool
534	Nottingham South Frobisher-Alida Beds Pool
537	Steelman Winnipegosis Pool
543	Welwyn South Bakken Sand Pool
547	Wapella Red Jacket Sand Pool
553	Huntoon North Frobisher Beds Pool
562	Macoun South Midale Beds Pool
574	Storthoaks Tilston Beds Pool
578	Carlyle Alida Beds Pool
590	Silverton East Frobisher Beds Pool
601	Hartaven Red River Pool
601	Hartaven Winnipeg Sand Pool
603	Froude Red River Pool
622	Browning South Frobisher Beds Pool
626	Hastings North Frobisher Beds Pool
627	Corning Tilston Beds Pool
629	Coyote Lake Tilston Beds Pool
630	Taylorton Midale Beds Pool
631	Pheasant Rump Alida Beds Pool
632	Flinton Tilston Beds Pool
633	Corning West Tilston Beds Pool
634	Ashley Lake Tilston Beds Pool
643	Bemersyde Red River Pool
644	Silverton West Frobisher-Alida Beds Pool
647	Burrows Red Jacket Sand Pool
674	Florence South Frobisher Beds Pool
674	Florence South Midale Beds Pool
676	Minard South Frobisher Beds Pool
682	Benson Winnipegosis Pool
683	Steelman South Winnipegosis Pool
684	Bryant South Midale Beds Pool

POOL LOCATION GUIDE AND MAP INDEX

Map	Pool	Pool Name
B-4, B-5	688	Abbey Milk River Gas Pool
B-3	354	Aberfeldy G P Sand Pool
B-3	114	Aberfeldy Sparky Sand Pool
B-7	520	Alameda East Frobisher Beds Pool
B-7	1	Alameda Midale Beds Pool
B-7	282	Alameda West Frobisher Beds Pool
B-7	282	Alameda West Midale Beds Pool
B-7	2	Alida East Frobisher-Alida Beds Pool
B-7	321	Alida North Alida Beds Pool
B-7	3	Alida West Frobisher-Alida Beds Pool
B-4	166	Alsask Basal Mannville Sand Pool
B-6	509	Amulet Ratciffe Beds Pool
B-5	582	Antelope Cantuar Sand Pool
B-5	275	Antelope Lake East Roseray Sand Pool
B-5	538	Antelope Lake North Cantuar Sand Pool
B-5	538	Antelope Lake North Success-Roseray Sand
B-5	554	Antelope Lake Roseray Sand Pool
B-5	519	Antelope Lake South Roseray Sand Pool
B-5	191	Antelope Lake Upper Shaunavon Pool
B-7	4	Arcola Frobisher-Alida Beds Pool
B-7	418	Arcola North Alida Beds Pool
B-7	634	Ashley Lake Tilston Beds Pool
B-7	473	Arcola South Frobisher-Alida Beds Pool
B-7	309	Auburnton Frobisher-Alida Beds Pool
B-4	93	Avon Hill Viking Pool
B-3	255	Baldwinton Sparky Sand Pool
B-2	409	Barthel Colony Sand Gas Pool
B-5	200	Battle Creek Madison Pool
B-5	359	Battle Creek South Upper Shaunavon Pool
B-5	200	Battle Creek Upper Shaunavon Pool
B-5	665	Battle Creek West Milk River Gas Pool
B-5	665	Battle Creek West SWS Gas Pool
B-5	381	Battrum East Roseray Sand Pool
B-5	278	Battrum North Roseray Sand Pool
B-5	5	Battrum Roseray Sand Pool
B-4	136	Bayhurst Viking Gas Pool
B-4	195	Bayhurst West Viking Gas Pool
B-2	171	Beacon Hill Mannville Sand Gas Pool
B-2	271	Beacon Hill South Mannville Sand Gas Pool
B-2	299	Beacon Hill West Mannville Sand Gas Pool
B-2	442	Bear Creek Mannville Sand Gas Pool
B-7	436	Bellegarde Tilston Beds Pool
B-7	643	Bemersyde Red River Pool
B-5	164	Bench Upper Shaunavon Pool
B-7	459	Bender Central Tilston Beds Pool
B-7	439	Bender South Tilston Beds Pool
B-7	458	Bender Tilston Beds Pool
B-7	406	Bennett Lake Alida Beds Pool
B-7	345	Benson East Midale Beds Pool
B-7	377	Benson Frobisher Beds Pool
B-7	6	Benson Midale Beds Pool
B-7	683	Benson Winnipegosis Pool
B-5	187	Beverley Cantuar Sand Pool
B-5	228	Beverley East Cantuar Gas Pool
B-5	335	Beverley East Cantuar Sand Pool
B-5	219	Beverley North Cantuar Sand Pool
B-5	151	Beverley Roseray Sand Pool
B-7	277	Bienfait Midale Beds Pool
B-3	652	Big Gully East Sparky Sand Pool
B-3	111	Big Gully McLaren Sand Pool
B-3	360	Big Gully North Lloydminster Sand Pool
B-3	111	Big Gully Waseca Sand Pool
B-7	486	Big Marsh Lake Tilston Beds Pool
B-5	285	Bigstick Second White Specks Gas Pool
B-3	513	Bolney Colony Sand Pool
B-5	7	Bone Creek Upper Shaunavon Pool
B-5	650	Bone Creek West Upper Shaunavon Pool
B-2	591	Branch Lake Colony Sand Gas Pool
B-4	198	Brock East Viking Gas Pool
B-4	113	Brock Viking Sand Gas Pool
B-6	448	Bromhead East Red River Pool
B-6	153	Bromhead Midale Beds Pool
B-2	346	Bronson Lake Colony Sand Gas Pool
B-2	672	Bronson Lake South Colony Sand Gas Pool
B-2	346	Bronson Lake Waseca Sand Gas Pool
B-6	474	Brough Frobisher Beds Pool
B-7	8	Browning Frobisher-Alida Beds Pool
B-7	407	Browning North Frobisher-Alida Beds Pool
B-7	622	Browning South Frobisher Beds Pool
B-7	248	Bryant Frobisher Beds Pool
B-7	248	Bryant Midale Beds Pool
B-7	684	Bryant South Midale Beds Pool
B-4	95	Buffalo Coulee Bakken Sand Pool
B-4	265	Buffalo Coulee North Bakken Sand Pool
B-7	452	Buffalo Head Bakken Sand Pool
B-7	447	Buffalo Head Frobisher-Alida Beds Pool
B-7	647	Burrows Red Jacket Sand Pool
B-5	295	Burstall Medicine Hat Sand Gas Pool
B-5	295	Burstall Milk River Gas Pool
B-5	295	Burstall Milk River-Medicine Hat Gas Pool
B-5	305	Burstall North Viking Sand Gas Pool
B-5	157	Butte Upper Shaunavon Pool
B-5	236	Butte West Upper Shaunavon Pool
B-3	252	Buzzard Lloydminster Sand Pool
B-3	563	Buzzard North G P Sand Pool
B-3	563	Buzzard North Lloydminster Sand Pool
B-3	563	Buzzard North Mannville Sands Pool
B-3	563	Buzzard North Sparky Sand Pool
B-3	563	Buzzard North Waseca Sand Pool
B-4	242	Cactus Lake Basal Mannville-Bakken Sand
B-4	403	Cactus Lake North McLaren Sand Pool
B-4	628	Cactus Lake East Bakken Sand Pool
B-5	666	Cadillac Second White Specks Gas Pool
B-7	9	Cantal Frobisher-Alida Beds Pool
B-7	308	Cantal South Frobisher-Alida Beds Pool
B-5	152	Cantuar East Cantuar Sand Pool
B-5	585	Cantuar East Lower Shaunavon Pool
B-5	152	Cantuar East Roseray Sand Pool
B-5	149	Cantuar Main Cantuar Sand Pool
B-5	149	Cantuar Roseray Sand Pool
B-5	333	Cantuar North Roseray Sand Pool
B-7	578	Carlyle Alida Beds Pool
B-7	417	Carlyle South Lower Watrous Pool
B-7	11	Carnduff Frobisher Beds Pool
B-7	12	Carnduff Midale Beds Pool
B-3	443	Carruthers Colony Sand Gas Pool
B-3	598	Carruthers Cummings Sand Pool
B-3	269	Cavalier Spinney Hill Sand Gas Pool
B-3	221	Celtic G P Sand Pool
B-3	221	Celtic Mannville Sands Pool
B-3	221	Celtic Sparky Sand Pool
B-3	221	Celtic Waseca Sand Pool
B-6	412	Ceylon Bakken Sand Pool
B-5	338	Chambery Upper Shaunavon Pool
B-6	644	Chapleau Lake Red River Pool
B-7	487	Clarilaw East Frobisher-Alida Beds Pool
B-7	130	Clarilaw Frobisher-Alida Beds Pool
B-7	131	Clarilaw West Frobisher-Alida Beds Pool
B-5	180	Clintonville Shaunavon Pool
B-2	471	Cold Lake Colony Sand Gas Pool
B-4	94	Coleville Bakken Sand Pool
B-4	94	Coleville Mannville Sand Pool
B-4	300	Coleville South Bakken Sand Pool
B-4	464	Coleville South Success Pool
B-4	300	Coleville South Mannville Sand Pool
B-4	97	Coleville-Smiley Viking Gas Pool
B-4	600	Coleville West Bakken Sand Pool
B-6	368	Colgate Midale Beds Pool
B-5	162	Consul Second White Specks Gas Pool
B-5	162	Consul Upper Shaunavon Gas Pool
B-7	404	Coothill Red Jacket Sand Pool
B-7	627	Corning Tilston Beds Pool
B-7	633	Corning West Tilston Beds Pool
B-4	294	Cosine Lake Lloydminster Sand Pool
B-4	306	Court Bakken Sand Pool
B-4	618	Court North Bakken Sand Pool
B-4	517	Court South Bakken Sand Pool
B-4	623	Court West Bakken Sand Pool
B-5	584	Covington South Upper Shaunavon Pool
B-5	121	Covington Upper Shaunavon Pool
B-5	190	Covington West Upper Shaunavon Pool
B-7	629	Coyote Lake Tilston Beds Pool
B-5	369	Crane Lake Medicine Hat Gas Pool
B-5	369	Crane Lake Milk River Gas Pool
B-5	369	Crane Lake Milk River-Medicine Hat Gas Pool
B-5	372	Crane Lake South Medicine Hat Gas Pool
B-5	372	Crane Lake South Milk River Gas Pool
B-5	372	Crane Lake S Milk River-Med Hat Gas Pool
B-5	372	Crane Lake South Second White Specks Gas
B-7	463	Creelman Alida Beds Pool
B-7	147	Crystal Hill Souris Valley Beds Pool
B-4	686	Cuthbert Basal Mannville Sand Pool
B-5	428	Cypress Second White Specks Gas Pool
B-6	483	Dahinda Madison Pool
B-7	141	Dalesboro Frobisher-Alida Beds Pool
B-7	408	Dalesboro North Frobisher-Alida Beds Pool
B-3	230	Dee Valley East Mannville Sands Pool
B-3	230	Dee Valley East Sparky Sand Pool
B-3	230	Dee Valley East Waseca Sand Pool
B-3	183	Dee Valley Waseca Sand Pool
B-5	13	Delta Upper Shaunavon Pool
B-5	514	Delta West Upper Shaunavon Pool
B-5	540	Divide Madison Pool
B-4	184	Dodsland North Viking Gas Pool
B-4	101	Dodsland Viking Sand Pool
B-5	357	Dollard Lower Shaunavon Pool
B-5	14	Dollard Upper Shaunavon Pool
B-3	602	Drake Lake Colony Sand Gas Pool
B-4	348	Driver Bakken Sand Gas Pool
B-4	348	Driver Mannville Sand Gas Pool
B-4	264	Druid Mannville Sands Pool
B-3	555	Dulwich East G P Sand Pool
B-3	555	Dulwich East Sparky Sand Pool
B-3	555	Dulwich East Rex Sand Pool
B-3	142	Dulwich North Sparky Sand Pool
B-3	116	Dulwich Sparky Sand Pool
B-3	341	Ear Lake Waseca Sand Pool
B-5	123	Eastbrook Shaunavon Pool
B-5	240	Eastend Shaunavon Pool
B-3	208	Edam North Lloydminster Sand Pool
B-3	208	Edam North Sparky Sand Pool
B-3	208	Edam North Waseca Sand Pool
B-3	259	Edam Waseca Sand Pool
B-3	286	Edam West Mannville Sands Pool
B-3	286	Edam West Sparky/G P Sand Pool
B-3	286	Edam West Waseca Sand Pool
B-7	481	Edenvale North Tilston Beds Pool
B-7	193	Edenvale Tilston Beds Pool
B-7	524	Elcott East Midale Beds Pool
B-7	16	Elmore Frobisher Beds Pool
B-7	16	Elmore Midale Beds Pool
B-6	15	Elswick East Midale Beds Pool
B-6	334	Elswick Midale Beds Pool
B-6	510	Elswick South Midale Beds Pool
B-3	83	Epping G P Sand Pool
B-3	83	Epping Mannville Sands Pool
B-3	99	Epping South Sparky Sand Pool
B-3	83	Epping Sparky Sand Pool
B-4	528	Ermine Mannville Sands Pool
B-4	90	Eureka Viking Pool
B-3	328	Evesham North Mannville Sands Pool
B-3	328	Evesham North McLaren Sand Pool
B-3	328	Evesham North Sparky Sand Pool
B-3	330	Evesham Sparky Sand Pool
B-3	196	Eyehill Cummings-Dina Sand Pool
B-3	414	Eyehill North Cummings Sand Pool
B-3	414	Eyehill North Sparky Sand Pool
B-7	284	Fertile Tilston Beds Pool
B-7	319	Fertile Tilston-Souris Valley Beds Pool
B-6	18	Flat Lake Ratcliffe Beds Pool
B-2	291	Flat Valley Colony Sand Gas Pool
B-2	291	Flat Valley St Walburg Sand Gas Pool
B-7	632	Flinton Tilston Beds Pool
B-7	144	Florence Frobisher Beds Pool
B-7	674	Florence South Frobisher Beds Pool

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Map	Pool	Pool Name
B-7	674	Florence South Midale Beds Pool
B-3	172	Forest Bank Mannville Sands Pool
B-3	172	Forest Bank Sparky Sand Pool
B-3	172	Forest Bank Waseca Sand Pool
B-4	325	Forgan Viking Sand Pool
B-4	421	Forgan West Viking Sand Pool
B-2	270	Fort Pitt Colony Sand Gas Pool
B-2	362	Fort Pitt North Colony Sand Gas Pool
B-2	362	Fort Pitt North Waseca Sand Gas Pool
B-5	19	Fosterton Roseray Sand Pool
B-5	323	Fosterton South Cantuar Sand Pool
B-5	323	Fosterton South Roseray Sand Pool
B-6	158	Freda Lake Ratcliffe Beds Pool
B-5	358	Freefight Milk River Gas Pool
B-5	469	Freefight North Milk River Gas Pool
B-3	224	Freemont Mannville Sands Pool
B-3	639	Freemont South Colony Sand Pool
B-3	224	Freemont Sparky Sand Pool
B-3	224	Freemont Waseca Sand Pool
B-3	638	Freemont West Sparky Sand Pool
B-7	128	Freestone Frobisher-Alida Beds Pool
B-7	501	Fremantle Lower Watrous Pool
B-2	384	Frenchman Butte Colony Sand Gas Pool
B-2	384	Frenchman Butte St. Walburg Sand Gas Pool
B-2	384	Frenchman Butte Waseca Sand Gas Pool
B-7	603	Froude Red River Pool
B-7	320	Frys East Tilston-Souris Valley Beds Pool
B-7	197	Frys Tilston-Souris Valley Beds Pool
B-3	179	Furness Sparky Sand Pool
B-4	207	Fusilier Bakken Sand Pool
B-4	642	Fusilier North Bakken Sand Pool
B-7	87	Gainsborough Frobisher-Alida Beds Pool
B-7	370	Gainsborough North Frobisher-Alida Beds
B-7	387	Gainsborough West Frobisher Beds Pool
B-5	461	Gardenhead South Upper Shaunavon Pool
B-5	450	Gardenhead Upper Shaunavon Pool
B-7	20	Glen Ewen Frobisher Beds Pool
B-7	21	Glen Ewen Midale Beds Pool
B-4	194	Glidden Viking Gas Pool
B-3	173	Golden Lake North Mannville Sands Pool
B-3	173	Golden Lake North Sparky Sand Pool
B-3	173	Golden Lake North Waseca Sand Pool
B-3	103	Golden Lake South Mannville Sands Pool
B-3	103	Golden Lake South Sparky Sand Pool
B-3	103	Golden Lake South Waseca Sand Pool
B-2	551	Gold Lake Colony Sand Gas Pool
B-4	192	Greenan Viking Gas Pool
B-6	160	Griffin Frobisher Beds Pool
B-6	437	Griffin North Frobisher Beds Pool
B-5	148	Gull Lake Basal Cantuar Sand Pool
B-5	146	Gull Lake Central Upper Shaunavon Pool
B-5	561	Gull Lake North Basal Cantuar Sand Pool
B-5	22	Gull Lake North Upper Shaunavon Pool
B-5	495	Gull Lake Roseray Sand Pool
B-5	137	Gull Lake South Upper Shaunavon Pool
B-3	174	Gully Lake Waseca Sand Pool
B-3	531	Hallam Colony Sand Gas Pool
B-3	531	Hallam McLaren Sand Gas Pool
B-7	23	Handsworth Alida Beds Pool
B-6	679	Hardy South Red River Pool
B-7	119	Hartaven Frobisher-Alida Beds Pool
B-7	601	Hartaven Red River Pool
B-7	601	Hartaven Winnipeg Sand Pool
B-7	280	Hastings East Frobisher Beds Pool
B-7	81	Hastings Frobisher Beds Pool
B-7	626	Hastings North Frobisher Beds Pool
B-7	374	Hastings West Frobisher Beds Pool
B-5	214	Hatton Medicine Hat Sand Gas Pool
B-5	214	Hatton Milk River Gas Pool
B-5	214	Hatton Milk River-Medicine Hat Gas Pool
B-7	394	Hazelwood Central Tilston Beds Pool
B-7	375	Hazelwood South Tilston Beds Pool
B-7	89	Hazelwood Tilston Beds Pool
B-7	356	Hazelwood West Tilston Beds Pool
B-5	24	Hazlet Roseray Sand Pool
B-4	298	Hearts Hill Bakken Sand Pool
B-7	430	Heward Frobisher Beds Pool
B-7	499	Heward South Frobisher Beds Pool
B-3	526	Hillmond Colony Sand Gas Pool
B-3	365	Hillmond G P Sand Pool
B-3	526	Hillmond Lloydminster Sand Gas Pool
B-3	365	Hillmond Sparky Sand Pool
B-3	657	Hillmond South Sparky Sand Pool
B-7	444	Hitchcock Winnipegosis Pool
B-6	331	Hoffer Ratcliffe Beds Pool
B-4	206	Hoosier Bakken Sand Pool
B-4	646	Hoosier South Bakken Sand Gas Pool
B-4	96	Hoosier Viking Gas Pool
B-5	659	Horsham Ribstone Creek Sand Gas Pool
B-6	143	Hume Frobisher Beds Pool
B-6	156	Hume Midale Beds Pool
B-6	139	Hummingbird Bakken Sand Pool
B-6	139	Hummingbird Birdbear Pool
B-6	139	Hummingbird Ratcliffe Beds Pool
B-6	586	Hummingbird South Bakken Pool
B-6	586	Hummingbird South Ratcliffe Beds Pool
B-7	27	Huntoon Frobisher Beds Pool
B-7	553	Huntoon North Frobisher Beds Pool
B-7	26	Huntoon Midale Beds Pool
B-5	28	Illerbrun Upper Shaunavon Pool
B-5	364	Ingebrigt Milk River Gas Pool
B-7	389	Ingoldsby East Alida Beds Pool
B-7	80	Ingoldsby Frobisher-Alida Beds Pool
B-7	516	Ingoldsby North Alida Beds Pool
B-7	332	Ingoldsby West Frobisher-Alida Beds Pool
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B-5	30	Instow Upper Shaunavon Pool
B-5	293	Java Cantuar Sand Pool
B-5	581	Java North Cantuar Sand Pool
B-5	599	Java West Cantuar Sand Pool
B-7	420	Kennedy Souris Valley Beds Pool
B-7	88	Kenosee Tilston Beds Pool
B-4	605	Kerrobert Mannville Sand Pool
B-4	606	Kerrobert North Mannville Sand Pool
B-4	307	Kerrobert Viking Sand Pool
B-4	677	Kindersley South Viking Gas Pool
B-4	416	Kindersley Viking Gas Pool
B-7	227	Kisbey Birdbear Pool
B-7	378	Kisbey Frobisher-Alida Beds Pool
B-4	687	Lacadena Milk River Gas Pool
B-6	127	Lake Alma Ratcliffe Beds Pool
B-3	104	Landrose McLaren Sand Pool
B-3	104	Landrose Waseca Sand Pool
B-3	507	Lashburn McLaren Sand Gas Pool
B-3	115	Lashburn McLaren Sand Pool
B-3	220	Lashburn South Sparky Sand Pool
B-3	220	Lashburn South Waseca Sand Pool
B-3	115	Lashburn Sparky Sand Pool
B-3	115	Lashburn Waseca Sand Pool
B-3	260	Lashburn West Sparky Sand Pool
B-5	32	Leitchville Shaunavon Pool
B-5	33	Leon Lake Shaunavon Pool
B-5	217	Liebenthal Milk River Gas Pool
B-7	489	Lightning South Tilston Beds Pool
B-7	82	Lightning Tilston Beds Pool
B-3	118	Lloydminster Colony Sand Gas Pool
B-3	491	Lloydminster North Colony Sand Gas Pool
B-3	229	Lloydminster Sparky Sand Pool
B-3	100	Lone Rock Sparky Sand Pool
B-3	400	Long Lake Waseca Sand Pool
B-2	478	Loon Lake Colony Sand Gas Pool
B-7	34	Lost Horse Hill Frobisher-Alida Beds Pool
B-6	35	Lougheed Midale Beds Pool
B-4	210	Loverna Success Pool
B-4	352	Loverna North Bakken Sand Gas Pool
B-4	352	Loverna North Mannville Sand Gas Pool
B-4	350	Loverna South Bakken Sand Gas Pool
B-4	350	Loverna South Viking Gas Pool
B-4	355	Loverna West Bakken Sand Gas Pool
B-4	185	Lucky Hills Viking Pool
B-4	304	Luseland Bakken Sand Pool
B-4	625	Luseland Mannville Sand Pool
B-4	498	Luseland Viking Sand Gas Pool
B-3	233	Macklin Sparky Sand Pool
B-7	168	Macoun Midale Beds Pool
B-7	446	Macoun North Winnipegosis Pool
B-7	562	Macoun South Midale Beds Pool
B-7	250	Macoun West Midale Beds Pool
B-7	424	Macoun Winnipegosis Pool
B-3	273	Maidstone Mannville Sands Pool
B-3	273	Maidstone McLaren Sand Pool
B-3	273	Maidstone Waseca Sand Pool
B-5	36	Main Success Roseray Sand Pool
B-2	383	Makwa Mannville Sand Gas Pool
B-3	388	Manito Lake East McLaren Sand Pool
B-3	318	Manito Lake Sparky Sand Pool
B-7	451	Manor Lower Watrous-Alida Beds Pool
B-7	455	Manor North Lower Watrous Pool
B-6	616	Mansur Red River Pool
B-4	552	Mantario East Basal Mannville Sand Pool
B-4	522	Mantario North Basal Mannville Sand Pool
B-4	419	Marengo South Basal Mannville Sand Pool
B-4	212	Marengo Viking Gas Pool
B-3	405	Marsden North Sparky Sand Pool
B-3	261	Marsden South Sparky Sand Pool
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B-7	37	Melrose Frobisher-Alida Beds Pool
B-3	521	Meota Lloydminster Sand Pool
B-5	468	Merryflat Second White Specks Gas Pool
B-3	668	Mervin Central Sparky Sand Pool
B-3	668	Mervin Central Waseca Sand Pool
B-3	655	Mervin East Waseca Sand Pool
B-3	656	Mervin South Waseca Sand Pool
B-3	559	Mervin Waseca Sand Pool
B-6, B-7	38	Midale Central Frobisher Beds Pool
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B-6	583	Midale Red River Pool
B-6	680	Midale South Red River Pool
B-6	593	Midale West Red River Pool
B-4	523	Milton Bakken Sand Pool
B-4	592	Milton South Bakken Sand Pool
B-4	592	Milton South Success Pool
B-4	91	Milton Viking Sand Gas Pool
B-7	247	Minard Midale Beds Pool
B-7	676	Minard South Frobisher Beds Pool
B-6	502	Minton Red River Pool
B-6	502	Minton Winnipegosis Pool
B-5	580	Monchy Second White Specks Gas Pool
B-6	620	Montmartre Red River Pool
B-7	40	Moose Mountain Tilston Beds Pool
B-7	429	Moose Valley South Tilston Beds Pool
B-7	102	Moose Valley Tilston Beds Pool
B-7	401	Moosomin Red Jacket Sand Pool
B-7	182	Morrisview Frobisher-Alida Beds Pool
B-7	413	Morrisview West Frobisher-Alida Beds Pool
B-2	441	Mudie Lake Colony Sand Gas Pool
B-3	251	Neilburg Colony Sand Pool
B-3	251	Neilburg Mannville Sands Pool
B-3	251	Neilburg McLaren Sand Pool
B-6	432	Neptune North Midale Beds Pool
B-6	161	Neptune Ratcliffe Beds Pool
B-7	85	North Antler Midale Beds Pool
B-7	41	North Handsworth Alida Beds Pool
B-4	42	North Hoosier Bakken Sand Pool
B-4	43	North Hoosier Basal Mannville Sand Pool
B-7	431	North Portal Midale Beds Pool
B-5	44	North Premier Roseray Sand Pool
B-5	45	North Premier Upper Shaunavon Pool
B-4	303	North Smiley Bakken Sand Pool
B-7	482	Northgate East Frobisher Beds Pool
B-7	132	Northgate Frobisher Beds Pool
B-7	132	Northgate Midale Beds Pool
B-3	253	Northminster North G P Sand Pool
B-3	253	Northminster North Sparky Sand Pool
B-3	109	Northminster Sparky Sand Pool

POOL LOCATION GUIDE AND MAP INDEX

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B-7	534	Nottingham South Frobisher-Alida Beds Pool
B-5	340	Notukeu Upper Shaunavon Pool
B-7	47	Oakley Frobisher Beds Pool
B-4	398	Onward Basal Mannville Sand Pool
B-7	440	Openshaw Frobisher Beds Pool
B-6	48	Oungre Ratcliffe Beds Pool
B-7	454	Oxbow Frobisher Beds Pool
B-2, B-3	549	Paradise Hill Colony Sand Gas Pool
B-2, B-3	549	Paradise Hill Waseca Sand Gas Pool
B-7	49	Parkman Souris Valley Beds Pool
B-7	175	Parkman South Tilston-Souris Valley Beds
B-7	51	Parkman Tilston Beds Pool
B-7	50	Parkman Tilston-Souris Valley Beds Pool
B-2	209	Peck Lake Colony Sand Gas Pool
B-2	670	Peck Lake North SWS Gas Pool
B-2	671	Peck Lake South SWS Gas Pool
B-5	165	Pennant Upper Shaunavon Pool
B-7	631	Pheasant Rump Alida Beds Pool
B-2	232	Pierceland Mannville Sand Gas Pool
B-2	470	Pierceland West Colony Sand Gas Pool
B-3	211	Pikes Peak G.P. Sand Pool
B-3	211	Pikes Peak Sparky Sand Pool
B-3	211	Pikes Peak Waseca Sand Pool
B-7	492	Pinto East Midale Beds Pool
B-7	52	Pinto Frobisher Beds Pool
B-7	52	Pinto Midale Beds Pool
B-4	262	Plato North Viking Pool
B-4	154	Plato Viking Pool
B-4	379	Plenty Viking Sand Pool
B-4	266	Plover Lake Bakken Sand Pool
B-4	577	Plover Lake East Bakken Sand Pool
B-4	25	Plover Lake McLaren Sand Pool
B-4	621	Plover Lake South Bakken Sand Pool
B-4	597	Plover Lake West Bakken Sand Pool
B-4	548	Prairiedale East Viking Gas Pool
B-4	337	Prairiedale Viking Sand Pool
B-4	466	Primate Mannville Sand Gas Pool
B-2	485	Primrose Lake Mannville Sand Gas Pool
B-2	512	Primrose Lake East Mannville Sand Gas Pool
B-7	54	Queensdale East Frobisher-Alida Beds Pool
B-7	55	Queensdale North Alida Beds Pool
B-7	56	Queensdale West Alida Beds Pool
B-7	505	Queensdale West Lower Watrous Pool
B-6	205	Ralph Midale Beds Pool
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B-5	460	Rapdan South Upper Shaunavon Pool
B-5	57	Rapdan Upper Shaunavon Pool
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B-7	310	Red Jacket Gravelbourg Pool
B-7	310	Red Jacket Sand Pool
B-7	511	Red Jacket South Red Jacket Sand Pool
B-7	457	Redvers Tilston Beds Pool
B-3	624	Reward Waseca Sand Pool
B-3	525	Rex Lloydminster Sand Pool
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B-6	58	Roncott Bakken Sand Pool
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B-7	60	Rosebank South Alida Beds Pool
B-5	619	Ross Lake Cantuar Sand Pool
B-3	272	Rush Lake G.P. Sand Pool
B-3	272	Rush Lake Mannville Sands Pool
B-3	272	Rush Lake Sparky Sand Pool
B-3	272	Rush Lake Waseca Sand Pool
B-3	496	Rutland Cummings-Dina Sand Pool
B-3	312	Salt Lake Lloydminster Sand Pool
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B-5	327	Senate Second White Specks Gas Pool
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B-3	535	Senlac McLaren Sand Gas Pool
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B-7	504	Service Tilston Beds Pool
B-5	613	Seward Cantuar Sand Pool
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B-7	133	Sherwood Frobisher Beds Pool
B-3	112	Silverdale Sparky Sand Pool
B-7	590	Silverton East Frobisher Beds Pool
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B-7	445	Silverton North Frobisher Beds Pool
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B-6	169	Skinner Lake Ratcliffe Beds Pool
B-4	617	Smiley Bakken Sand Pool
B-4	98	Smiley-Dewar Viking Pool
B-3	465	Soda Lake Cummings Sand Pool
B-7	120	Souris Flat Frobisher Beds Pool
B-7	423	Souris Flat South Frobisher Beds Pool
B-7	86	South Fletwode Tilston Beds Pool
B-5	62	South Success Roseray Sand Pool
B-2, B-3	391	Spruce Lake Mannville Sand Gas Pool
B-2	500	Spruce Lake North Colony Sand Gas Pool
B-3	568	Standard Hill North G.P. Sand Pool
B-3	568	Standard Hill North Rex Sand Pool
B-3	568	Standard Hill North Sparky Sand Pool
B-3	568	Standard Hill North Waseca Sand Pool
B-3	199	Standard Hill Waseca Sand Pool
B-3	641	Standard Hill West McLaren Sand Pool
B-7	129	Star Valley Frobisher-Alida Beds Pool
B-7	434	Star Valley South Frobisher-Alida Beds Pool
B-7	63	Steelman Frobisher Beds Pool
B-7	63	Steelman Midale Beds Pool
B-7	683	Steelman South Winnipegosis Pool
B-7	537	Steelman Winnipegosis Pool
B-7	65	Storthoaks Alida Beds Pool
B-7	574	Storthoaks Tilston Beds Pool
B-7	456	Storthoaks East Tilston Beds Pool
B-7	476	Storthoaks North Tilston Beds Pool
B-7	66	Stoughton Frobisher-Alida Beds Pool
B-7	449	Stoughton North Frobisher Beds Pool
B-7	218	Stoughton South Frobisher Beds Pool
B-5	268	Success North Roseray Sand Pool
B-5	67	Success Roseray Sand Pool Alpha Pool
B-5	579	Suffield Basal Cantuar Sand Pool
B-5	69	Suffield Roseray Sand Pool
B-5	68	Suffield Upper Shaunavon Pool
B-4	380	Superb Bakken Sand Gas Pool
B-4	589	Superb North Waseca Sand Gas Pool
B-4	654	Superb Waseca Sand Pool
B-7	371	Tableland Winnipegosis Pool
B-3	313	Tangleflags Colony Sand Gas Pool
B-3	256	Tangleflags East McLaren Sand Pool
B-3	202	Tangleflags G.P. Sand Pool
B-3	202	Tangleflags Lloydminster Sand Pool
B-3	202	Tangleflags Mannville Sands Pool
B-3	313	Tangleflags McLaren Sand Gas Pool
B-3	202	Tangleflags McLaren Sand Pool
B-3	234	Tangleflags North G.P. Sand Pool
B-3	235	Tangleflags N. Lloyd.-Cummings Sand Pool
B-3	313	Tangleflags Second White Specks Gas Pool
B-3	202	Tangleflags Sparky Sand Pool
B-3	313	Tangleflags St. Walburg Sand Gas Pool
B-3	202	Tangleflags Waseca Sand Pool
B-3	244	Tangleflags West G.P. Sand Pool
B-3	244	Tangleflags West Lloyd. Sand Pool
B-3	244	Tangleflags West Mannville Sands Pool
B-3	244	Tangleflags West McLaren Sand Pool
B-3	244	Tangleflags West Sparky Sand Pool
B-6	135	Tatagwa Central Midale Beds Pool
B-6	243	Tatagwa Midale Beds Pool
B-6	344	Tatagwa North Midale Beds Pool
B-6	427	Tatagwa West Midale Beds Pool
B-7	630	Taylorton Midale Beds Pool
B-7	472	Thirty Lake Alida Beds Pool
B-4	186	Totnes Viking Gas Pool
B-3	572	Turtleford Sparky Sand Pool
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B-6	612	Tyvan Red River Pool
B-6	433	Union Jack Midale Beds Pool
B-3	122	Unity South Sparky Sand Gas Pool
B-3	122	Unity South Unity Sand Gas Pool
B-3	122	Unity South Viking Sand Gas Pool
B-4	390	Verendrye North Viking Sand Gas Pool
B-4	367	Verendrye Viking Sand Pool
B-5	70	Verlo Roseray Sand Pool
B-5	607	Vidora Bear Paw-Belly River Sand Gas Pool
B-5	607	Vidora Bear Paw Sand Gas Pool
B-5	607	Vidora Belly River Sand Gas Pool
B-7	71	View Hill Midale Beds Pool
B-7	497	Viewfield East Frobisher Beds Pool
B-7	188	Viewfield Frobisher Beds Pool
B-7	411	Viewfield Rim Pool
B-7	547	Wapella Red Jacket Sand Pool
B-7	107	Wapella Sand Pool
B-7	479	Wapella Mannville Sand Pool
B-7	145	Warmley Alida Beds Pool
B-7	290	Wauchope Alida-Tilston Beds Pool
B-7	493	Wauchope Central Tilston Beds Pool
B-7	336	Wauchope North Tilston Beds Pool
B-7	477	Wauchope South Alida Beds Pool
B-7	435	Wauchope West Alida Beds Pool
B-5	518	Webb Cantuar Sand Pool
B-5	545	Webb South Cantuar Sand Pool
B-5	588	Webb West Cantuar Sand Pool
B-7	167	Weir Hill Frobisher Beds Pool
B-7	438	Welwyn Bakken Sand Pool
B-7	508	Welwyn Red Jacket Pool
B-7	543	Welwyn South Bakken Sand Pool
B-6	117	West Innes Frobisher Beds Pool
B-7	72	West Kingsford Midale Beds Pool
B-3	257	Westhazel G.P. Sand Pool
B-3	257	Westhazel Mannville Sands Pool
B-3	257	Westhazel Sparky Sand Pool
B-3	257	Westhazel Waseca Sand Pool
B-6	73	Weyburn Frobisher Beds Pool
B-6	73	Weyburn Midale Beds Pool
B-5	382	Wheat Valley Cantuar Sand Gas Pool
B-2	392	Whelan Mannville Sand Gas Pool
B-2	392	Whelan St. Walburg Sand Gas Pool
B-7	75	White Bear Tilston Beds Pool
B-7	76	White Bear Tilston-Souris Valley Beds Pool
B-5	124	Whitemud Shaunavon Pool
B-4	134	Whiteside Ribstone Creek Sand Gas Pool
B-4	92	Whiteside Viking Sand Pool
B-4	326	Whiteside West Ribstone Creek Sand Gas Pool
B-4	263	Whiteside West Viking Sand Gas Pool
B-7	138	Wildwood Alida Beds Pool
B-7	77	Willmar Frobisher-Alida Beds Pool
B-7	453	Willmar North Frobisher-Alida Beds Pool
B-7	410	Willmar West Frobisher Beds Pool
B-7	159	Winmore Frobisher Beds Pool
B-3	279	Winter Cummings Sand Pool
B-3	399	Winter South Cummings Sand Pool
B-7	488	Wordsworth East Frobisher Beds Pool
B-7	376	Wordsworth Frobisher-Alida Beds Pool
B-7	506	Wordsworth North Frobisher-Alida Beds Pool
B-7	78	Workman Frobisher Beds Pool
B-7	79	Workman Midale Beds Pool
B-7	462	Workman South Frobisher Beds Pool
B-5	604	Wymark Second White Specks Gas Pool
B-3	529	Yonker Colony Sand Gas Pool
B-3	529	Yonker McLaren Sand Gas Pool

RESERVOIR DATA
RESERVES AND
PRODUCTION - OIL

FIVE YEAR OIL SUMMARY

	1997	1998	1999	2000	2001
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	132.439	134.651	146.733	163.742	171.864
Area II - Heavy	57.242	62.798	62.687	68.678	68.858
Area II - Light	30.837	30.405	30.714	31.209	31.581
Area III - Medium	130.987	133.845	137.231	139.291	140.106
Area IV - Medium	143.213	146.443	147.920	154.744	166.045
Area IV - Light	194.681	194.639	196.256	200.874	204.746
PROVINCIAL TOTAL	689.399	702.781	721.541	758.538	783.200
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	50.331	46.716	52.594	61.294	60.079
Area II - Heavy	28.689	30.675	27.305	30.270	27.428
Area II - Light	5.894	4.788	4.523	4.459	4.274
Area III - Medium	27.099	26.769	26.738	25.474	23.213
Area IV - Medium	34.030	32.543	29.943	31.493	38.621
Area IV - Light	39.719	34.544	31.931	32.189	31.973
PROVINCIAL TOTAL	185.762	176.035	173.034	185.179	185.588
YEARLY PRODUCTION (Million Cubic Metres)					
Area I - Heavy	6.425	5.817	6.200	8.427	9.216
Area II - Heavy	3.357	3.558	3.182	3.155	3.001
Area II - Light	0.735	0.673	0.573	0.559	0.558
Area III - Medium	3.084	3.354	3.250	3.324	3.078
Area IV - Medium	4.282	4.350	3.860	3.992	4.203
Area IV - Light	5.502	5.393	4.682	4.788	4.692
PROVINCIAL TOTAL	23.385	23.145	21.748	24.245	24.748
NUMBER OF PRODUCING WELLS IN DECEMBER					
Area I - Heavy	3 479	2 767	3 576	4 058	4 154
Area II - Heavy	1 414	1 273	1 530	1 661	1 655
Area II - Light	4 782	4 606	4 778	4 882	5 044
Area III - Medium	1 835	1 690	1 876	1 909	1 800
Area IV - Medium	2 757	2 723	2 838	2 924	3 052
Area IV - Light	4 233	4 214	4 381	4 691	4 871
PROVINCIAL TOTAL	18 500	17 273	18 979	20 125	20 576
AVERAGE DECEMBER PRODUCTION (Cubic Metres Per Day)					
Area I - Heavy	19 383	15 451	20 542	25 156	25 387
Area II - Heavy	10 669	9 528	8 703	8 568	7 965
Area II - Light	2 077	1 707	1 576	1 550	1 615
Area III - Medium	9 537	8 940	9 530	8 971	8 100
Area IV - Medium	12 012	11 086	10 498	10 602	13 786
Area IV - Light	15 687	13 699	13 570	13 132	11 744
PROVINCIAL TOTAL	69 365	60 411	64 419	67 979	68 597

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
AREA 1H																				
MISCELLANEOUS	BIRDBEAR	0.084	14.00	0.00	14.00	0.012	0.000	0.012	0.012	0.000	0.000	49	3.00	10.0	40.0	1.053			CRE	
	COLONY SAND	19.214	7.40	0.00	7.40	1.422	0.000	1.422	0.438	0.984	105.465	1757	4.70	35.0	30.0	1.053			CRE	
	CUMMINGS SAND	7.550	1.27	0.00	1.27	0.096	0.000	0.096	0.060	0.036	4.708	550	5.90	35.0	30.0	1.053			CRE	
	CUMMINGS-DINA SAND	1.268	0.33	0.00	0.33	0.004	0.000	0.004	0.004	0.000	0.000	49	10.00	33.0	20.0	1.020			CRE	
	DINA SAND	1.918	0.29	0.00	0.29	0.006	0.000	0.006	0.004	0.002	0.246	97	8.50	35.0	30.0	1.053			CRE	
	G.P. SAND	37.342	5.41	0.00	5.41	2.020	0.000	2.020	1.104	0.916	149.648	2866	5.60	35.0	30.0	1.053			CRE	
	LLOYDMINSTER SAND	41.498	3.31	0.00	3.31	1.374	0.000	1.374	0.585	0.789	149.881	2004	8.90	35.0	30.0	1.053			CRE	
	MANNVILLE SAND	0.581	4.39	0.00	4.39	0.025	0.000	0.025	0.020	0.005	0.995	32	7.80	35.0	30.0	1.053			CRE	
	MANNVILLE SANDS (COMMINGLED)	47.245	1.80	0.00	1.80	0.850	0.000	0.850	0.455	0.396	81.108	2072	9.80	35.0	30.0	1.053			CRE	
	MCLAREN SAND	34.808	3.19	0.00	3.19	1.110	0.000	1.110	0.662	0.448	151.531	3562	4.20	35.0	30.0	1.053			CRE	
	REX SAND	3.778	2.30	0.00	2.30	0.087	0.000	0.087	0.052	0.035	9.412	396	4.10	35.0	30.0	1.053			CRE	
	SPARKY SAND	65.545	9.10	0.00	9.10	5.965	0.000	5.965	1.628	4.336	485.270	6871	4.10	35.0	30.0	1.053			CRE	
	WASECA SAND	41.297	6.70	0.00	6.70	2.767	0.000	2.767	1.132	1.634	301.605	4226	4.20	35.0	30.0	1.053			CRE	
ABERFELDY	G.P. SAND (NON-UNIT)	1.646	2.35	2.05	4.40	0.039	0.034	0.072	0.066	0.007	3.108	194	4.27	28.0	27.6	1.020	968	537	CRE	1981
	SPARKY SAND (NON-UNIT)	14.656	4.42	0.00	4.42	0.648	0.000	0.648	0.550	0.098	17.913	890	5.50	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (S. ABFDY SPKY VOL UNIT)	23.605	6.17	0.89	7.07	1.456	0.211	1.668	1.659	0.008	2.528	1522	5.18	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (UNIT)	55.702	7.90	1.87	9.77	4.400	1.041	5.441	5.437	0.004	0.938	4209	4.42	35.0	13.0	1.017	968	535	CRE	1956
BALDWINTON	SPARKY SAND	8.207	31.00	0.00	31.00	2.544	0.000	2.544	0.681	1.863	300.611	1336	3.90	25.0	30.0	1.111	978	599	CRE	1969
BIG GULLY	MCLAREN SAND (NON-UNIT)	1.043	3.97	0.00	3.97	0.041	0.000	0.041	0.041	0.001	0.884	97	3.59	36.0	15.3	1.018	981	496	CRE	1962
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	9.860	5.70	3.59	9.29	0.562	0.354	0.916	0.870	0.046	13.063	1101	2.99	36.0	15.3	1.018	965	496	CRE	1962
	WASECA SAND (NON-UNIT)	0.702	7.50	0.00	7.50	0.053	0.000	0.053	0.026	0.026	2.130	32	7.32	36.0	15.3	1.018	972	479	CRE	1962
	WASECA SAND (VOLUNTARY UNIT NO. 1)	3.693	1.40	1.74	3.14	0.052	0.064	0.116	0.080	0.036	6.121	518	2.38	36.0	15.3	1.018	965	479	CRE	1962
BIG GULLY EAST	SPARKY SAND	7.247	8.50	0.00	8.50	0.616	0.000	0.616	0.217	0.399	68.931	599	5.20	35.0	30.0	1.053	978	510	CRE	1973
BIG GULLY NORTH	LLOYDMINSTER SAND	2.591	1.43	0.00	1.43	0.037	0.000	0.037	0.031	0.006	0.798	194	5.56	35.0	30.0	1.020	975	542	CRE	1973
BOLNEY	COLONY SAND	13.434	3.50	23.70	27.20	0.470	3.184	3.654	1.018	2.636	192.920	421	16.00	30.0	30.0	1.053	980	465	CRE	1995
BUZZARD	LLOYDMINSTER SAND	4.823	7.62	0.00	7.62	0.368	0.000	0.368	0.309	0.058	8.589	745	4.11	25.0	30.0	1.111	971	579	CRE	1978
BUZZARD NORTH	G.P. SAND	0.331	2.30	0.00	2.30	0.008	0.000	0.008	0.008	0.000	1.464	65	2.30	30.0	25.0	1.015	985	560	CRE	1973
	LLOYDMINSTER SAND	0.382	9.10	0.00	9.10	0.035	0.000	0.035	0.019	0.016	4.370	81	2.13	30.0	25.0	1.015	985	585	CRE	1973
	SPARKY SAND	1.134	13.60	0.00	13.60	0.154	0.000	0.154	0.099	0.055	25.414	178	2.80	30.8	25.0	1.015	985	545	CRE	1973
	WASECA SAND	0.292	0.60	0.00	0.60	0.002	0.000	0.002	0.002	0.000	0.000	32	4.75	30.0	35.0	1.015	985	530	CRE	1973
CARRUTHERS	CUMMINGS SAND	17.355	8.30	0.00	8.30	1.440	0.000	1.440	0.749	0.691	278.557	1813	4.80	30.0	30.0	1.053	985	640	CRE	1980
CELTIC	G.P. SAND	26.364	6.15	3.65	9.80	1.621	0.962	2.584	1.369	1.215	67.785	1101	6.30	35.0	31.0	1.030	985	477	CRE	1968
	SPARKY SAND	44.133	4.75	0.00	4.75	2.096	0.000	2.096	1.215	0.882	61.098	2008	5.54	35.0	24.0	1.008	975	463	CRE	1968
	WASECA SAND	116.880	2.50	2.10	4.60	2.922	2.454	5.376	3.217	2.159	299.820	4687	8.00	35.0	24.0	1.008	968	451	CRE	1968
DEE VALLEY	WASECA SAND	20.252	12.80	0.00	12.80	2.592	0.000	2.592	1.050	1.542	93.351	1295	3.80	35.0	16.0	1.015	976	460	CRE	1967
DEE VALLEY EAST	SPARKY SAND	16.382	7.40	0.00	7.40	1.212	0.000	1.212	0.230	0.982	36.213	728	4.45	35.0	16.0	1.015	969	490	CRE	1968
	WASECA SAND	14.568	11.80	0.00	11.80	1.719	0.000	1.719	0.413	1.306	63.804	842	3.80	35.0	16.0	1.015	971	464	CRE	1970
DEE VALLEY SOUTH	WASECA SAND	0.562	13.30	0.00	13.30	0.075	0.000	0.075	0.033	0.042	5.882	65	4.50	30.0	35.0	1.015	972	485	CRE	1996

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM. %	ENHAN. %	TOTAL %	PRIM. 1000000 m3	ENHAN. 1000000 m3	TOTAL 1000000 m3	1000000 m3	1000000 m3	1000 m3	ha	m	%	%		KG/m3	m		
DULWICH	G.P. SAND	0.330	4.25	0.00	4.25	0.014	0.000	0.014	0.003	0.011	2.999	49	3.50	28.0	30.0	1.020	965	570	CRE.	1984
	SPARKY SAND	13.071	8.00	5.90	13.90	1.046	0.771	1.817	1.773	0.044	8.686	1623	3.11	34.0	15.0	1.116	962	556	CRE.	1948
DULWICH EAST	G.P. SAND	3.138	4.55	0.00	4.55	0.143	0.000	0.143	0.116	0.027	7.023	146	8.30	34.0	15.0	1.116	960	560	CRE.	1972
	REX SAND	2.060	0.86	0.00	0.86	0.018	0.000	0.018	0.016	0.001	0.344	97	8.20	34.0	15.0	1.116	960	570	CRE.	1972
	SPARKY SAND	1.668	6.40	0.00	6.40	0.107	0.000	0.107	0.095	0.012	1.843	97	6.64	34.0	15.0	1.116	960	550	CRE.	1972
DULWICH NORTH	SPARKY SAND (N. DULWICH VOL UNIT)	1.341	4.50	11.65	16.15	0.060	0.156	0.217	0.216	0.000	0.000	113	3.96	35.0	13.0	1.016	957	551	CRE.	1954
	SPARKY SAND (NON-UNIT)	0.585	1.10	0.00	1.10	0.006	0.000	0.006	0.006	0.000	0.000	32	6.10	35.0	13.0	1.016	957	551	CRE.	1954
EAR LAKE	WASECA SAND	1.143	4.95	0.00	4.95	0.057	0.000	0.057	0.057	0.000	0.703	178	2.91	35.0	30.0	1.110	977	656	CRE.	1979
EDAM	WASECA SAND	30.561	10.10	0.00	10.10	3.087	0.000	3.087	1.574	1.512	111.588	1975	6.25	27.0	30.0	1.111	988	431	CRE.	1972
EDAM NORTH	LLOYDMINSTER SAND	0.811	7.85	0.00	7.85	0.064	0.000	0.064	0.055	0.009	2.192	130	3.00	33.0	30.0	1.111	980	505	CRE.	1980
	SPARKY SAND	0.232	12.80	0.00	12.80	0.030	0.000	0.030	0.009	0.021	5.664	49	3.00	25.0	30.0	1.111	980	460	CRE.	1980
	WASECA SAND	10.544	9.70	0.00	9.70	1.023	0.000	1.023	0.900	0.123	33.371	1263	5.30	25.0	30.0	1.111	988	444	CRE.	1980
EDAM WEST	SPARKY/G.P. SAND	21.052	12.10	0.00	12.10	2.547	0.000	2.547	2.172	0.375	71.669	1890	5.50	30.0	25.0	1.111	973	467	CRE.	1982
	WASECA SAND	18.606	12.75	0.00	12.75	2.372	0.000	2.372	1.998	0.374	65.244	2663	3.45	30.0	25.0	1.111	978	447	CRE.	1982
EPPING	G.P. SAND (NON-UNIT)	12.712	5.50	0.00	5.50	0.699	0.000	0.699	0.608	0.091	22.449	1506	3.00	35.0	18.0	1.020	962	563	CRE.	1951
	G.P. SAND (SOUTH EPPING UNIT)	4.310	3.00	7.10	10.10	0.129	0.306	0.435	0.410	0.025	5.000	1473	1.04	35.0	18.0	1.020	962	583	CRE.	1951
	SPARKY SAND (NON-UNIT)	44.369	6.70	0.00	6.70	2.973	0.000	2.973	2.458	0.515	113.094	3428	4.60	35.0	18.0	1.020	968	563	CRE.	1951
	SPARKY SAND (SOUTH EPPING UNIT)	23.924	3.00	7.78	10.78	0.718	1.861	2.579	2.488	0.091	19.403	1651	5.15	35.0	18.0	1.020	964	563	CRE.	1951
	SPARKY SAND (SW EPPING VOL UNIT 1)	10.778	5.40	5.20	10.60	0.582	0.560	1.142	1.103	0.039	9.593	923	4.15	35.0	18.0	1.020	964	563	CRE.	1951
EPPING NORTH	CUMMINGS SAND	1.565	8.40	0.00	8.40	0.131	0.000	0.131	0.019	0.113	10.630	97	6.60	30.0	16.0	1.031	980	650	CRE.	1978
	G.P. SAND	0.123	6.10	0.00	6.10	0.008	0.000	0.008	0.002	0.005	1.116	16	3.50	32.0	30.0	1.020	975	580	CRE.	1978
	MCLAREN SAND	0.544	2.65	0.00	2.65	0.014	0.000	0.014	0.010	0.005	2.591	65	3.60	35.0	30.0	1.053	945	530	CRE.	1997
	SPARKY SAND	0.934	13.60	0.00	13.60	0.127	0.000	0.127	0.020	0.107	15.006	81	4.10	35.0	18.0	1.020	968	560	CRE.	2000
EPPING SOUTH	SPARKY SAND	5.399	11.50	0.00	11.50	0.621	0.000	0.621	0.349	0.272	58.001	664	2.89	35.0	18.0	1.020	970	563	CRE.	1951
EVESHAM	SPARKY SAND	3.931	7.10	0.00	7.10	0.279	0.000	0.279	0.174	0.105	14.855	542	2.78	35.0	23.0	1.033	958	719	CRE.	1969
EVESHAM NORTH	MCLAREN SAND	2.294	6.60	9.92	16.52	0.151	0.228	0.379	0.052	0.327	12.304	340	2.90	35.0	30.0	1.053	969	686	CRE.	1982
	SPARKY SAND	1.761	12.30	19.39	31.69	0.217	0.341	0.558	0.120	0.438	13.186	300	2.25	35.0	23.0	1.033	951	734	CRE.	1976
EYEHILL	CUMMINGS-DINA SAND	22.858	0.45	5.90	6.35	0.103	1.349	1.451	1.132	0.319	89.345	842	9.80	34.0	16.0	1.031	978	746	CRE.	1971
EYEHILL NORTH	CUMMINGS SAND	6.573	10.25	0.00	10.25	0.674	0.000	0.674	0.552	0.122	49.095	324	8.30	30.0	16.0	1.031	970	746	CRE.	1985
	SPARKY SAND	0.740	12.90	0.00	12.90	0.096	0.000	0.096	0.076	0.020	4.508	113	4.16	25.0	30.0	1.111	946	693	CRE.	1985
FOREST BANK	SPARKY SAND	13.955	5.00	0.00	5.00	0.698	0.000	0.698	0.330	0.368	37.593	822	4.72	35.0	16.0	1.015	982	526	CRE.	1961
	WASECA SAND	8.852	11.70	0.00	11.70	1.036	0.000	1.036	0.416	0.620	59.183	826	3.09	35.0	16.0	1.015	979	507	CRE.	1963
FREEMONT	SPARKY SAND	4.778	9.05	0.00	9.05	0.432	0.000	0.432	0.311	0.121	15.146	599	3.00	35.0	20.0	1.053	963	636	CRE.	1976
	WASECA SAND	5.632	7.49	0.00	7.49	0.422	0.000	0.422	0.382	0.040	15.295	623	3.40	35.0	20.0	1.053	958	620	CRE.	1976
FREEMONT SOUTH	COLONY SAND	1.131	13.90	0.00	13.90	0.157	0.000	0.157	0.075	0.082	7.985	162	3.00	35.0	30.0	1.053	969	611	CRE.	1995
FREEMONT WEST	SPARKY SAND	2.510	16.65	0.00	16.65	0.418	0.000	0.418	0.132	0.286	32.845	372	2.90	35.0	30.0	1.053	955	641	CRE.	1985
FURNESS	SPARKY SAND	8.847	5.90	0.00	5.90	0.522	0.000	0.522	0.522	0.000	0.635	583	5.34	34.0	15.0	1.017	967	566	CRE.	1970
GOLDEN LAKE NORTH	SPARKY SAND (GOLDEN LAKE VOL UNIT)	16.648	1.89	0.14	2.03	0.315	0.023	0.338	0.308	0.030	5.597	1749	3.43	35.0	20.0	1.009	977	506	CRE.	1964
	SPARKY SAND (NON-UNIT)	3.596	6.45	0.00	6.45	0.232	0.000	0.232	0.167	0.065	12.234	324	4.00	35.0	20.0	1.009	970	506	CRE.	1964
	WASECA SAND (GOLDEN LAKE VOL UNIT)	18.465	7.60	3.76	11.36	1.403	0.694	2.098	2.015	0.083	20.922	1749	4.50	30.0	20.0	1.023	964	481	CRE.	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
GOLDEN LAKE NORTH	WASECA SAND (NON-UNIT)	2.023	4.70	0.00	4.70	0.095	0.000	0.095	0.060	0.035	7.662	194	3.60	35.0	16.0	1.015	963	481	CRE	1964
GOLDEN LAKE SOUTH	SPARKY SAND (GOLDEN LAKE S VOL UNIT)	1.015	2.35	0.00	2.35	0.024	0.000	0.024	0.008	0.016	2.190	49	8.80	30.0	20.0	1.020	978	490	CRE	1964
	SPARKY SAND (NON-UNIT)	33.831	2.50	0.90	3.40	0.846	0.304	1.150	0.782	0.368	13.504	1218	6.30	35.0	18.0	1.012	978	490	CRE	1964
	SPARKY SAND (VOLUNTARY UNIT NO. 1)	4.875	3.42	0.00	3.42	0.167	0.000	0.167	0.167	0.000	0.000	259	8.00	30.0	20.0	1.020	978	490	CRE	1964
	WASECA SAND (GOLDEN LAKE S VOL UNIT)	23.247	8.10	3.13	11.23	1.883	0.728	2.611	2.448	0.163	58.215	2202	4.50	30.0	20.0	1.023	966	473	CRE	1964
	WASECA SAND (NON-UNIT)	7.501	8.20	0.00	8.20	0.615	0.000	0.615	0.535	0.080	8.396	627	4.13	35.0	16.0	1.015	966	473	CRE	1964
GULLY LAKE	WASECA SAND (NON-UNIT)	18.180	9.25	0.00	9.25	1.682	0.000	1.682	1.489	0.192	42.047	1324	4.73	35.7	16.0	1.033	969	472	CRE	1949
	WASECA SAND (VOLUNTARY UNIT NO. 1)	10.986	7.00	3.11	10.11	0.769	0.342	1.111	1.077	0.034	4.559	874	4.33	35.7	16.0	1.033	963	472	CRE	1949
HILLMOND	G.P. SAND	2.444	0.68	0.00	0.68	0.017	0.000	0.017	0.017	0.000	1.426	275	3.70	35.0	30.0	1.020	970	507	CRE	1977
	SPARKY SAND	2.092	6.20	0.00	6.20	0.130	0.000	0.130	0.099	0.030	8.962	308	2.85	35.0	30.0	1.028	970	494	CRE	1977
HILLMOND SOUTH	SPARKY SAND	1.183	6.40	0.00	6.40	0.076	0.000	0.076	0.047	0.029	16.101	146	3.40	35.0	30.0	1.028	970	499	CRE	1996
LANDROSE	MCLAREN SAND	3.820	5.57	0.00	5.57	0.213	0.000	0.213	0.175	0.038	17.887	401	4.18	30.0	20.0	1.053	981	513	CRE	1950
	WASECA SAND	2.546	6.75	0.00	6.75	0.172	0.000	0.172	0.161	0.011	5.839	239	3.67	36.0	18.0	1.017	983	521	CRE	1950
LASHBURN	MCLAREN SAND	0.510	6.20	0.00	6.20	0.032	0.000	0.032	0.013	0.018	6.486	81	4.00	25.0	30.0	1.111	959	514	CRE	1980
	SPARKY SAND	9.048	14.90	0.00	14.90	1.348	0.000	1.348	0.429	0.919	113.307	963	3.90	35.0	30.0	1.017	990	520	CRE	1963
	WASECA SAND (NON-UNIT)	7.826	7.20	0.00	7.20	0.563	0.000	0.563	0.365	0.199	30.454	546	4.90	35.0	15.0	1.017	963	518	CRE	1960
	WASECA SAND (VOLUNTARY UNIT)	18.001	3.60	3.77	7.37	0.648	0.679	1.327	1.260	0.067	20.279	1263	6.20	30.0	21.0	1.031	962	518	CRE	1960
LASHBURN EAST	WASECA SAND	14.263	2.80	0.00	2.80	0.399	0.000	0.399	0.216	0.183	47.583	210	23.40	35.0	15.0	1.025	985	500	CRE	1966
LASHBURN SOUTH	SPARKY SAND	2.304	13.90	0.00	13.90	0.320	0.000	0.320	0.115	0.205	33.491	372	2.25	35.0	20.0	1.017	983	534	CRE	1967
	WASECA SAND	8.612	6.53	0.00	6.53	0.562	0.000	0.562	0.488	0.074	11.968	640	4.60	35.0	15.0	1.017	979	524	CRE	1971
LASHBURN WEST	SPARKY SAND	17.230	14.70	0.00	14.70	2.533	0.000	2.533	0.912	1.621	478.056	2307	4.55	25.0	30.0	1.111	991	537	CRE	1979
LLOYDMINSTER	SPARKY SAND	4.147	6.00	0.00	6.00	0.249	0.000	0.249	0.248	0.001	2.383	243	5.70	35.0	13.0	1.017	965	556	CRE	1952
LONE ROCK	SPARKY SAND	14.475	8.00	2.36	10.36	1.158	0.342	1.500	1.486	0.013	5.359	988	5.50	33.0	15.0	1.053	960	572	CRE	1947
LONG LAKE	WASECA SAND	12.906	10.09	0.00	10.09	1.302	0.000	1.302	1.176	0.126	68.380	518	10.90	30.0	20.0	1.050	960	572	CRE	1990
LOW LAKE	WASECA SAND	1.827	20.20	0.00	20.20	0.369	0.000	0.369	0.290	0.079	28.107	202	3.65	36.0	30.0	1.017	971	509	CRE	1950
LOW LAKE EAST	WASECA SAND	0.513	16.30	0.00	16.30	0.084	0.000	0.084	0.022	0.061	11.479	49	4.50	35.0	30.0	1.053	985	485	CRE	1997
MACKLIN	SPARKY SAND	9.242	7.15	3.60	10.75	0.661	0.333	0.994	0.655	0.339	25.753	971	2.75	35.0	23.0	1.033	947	712	CRE	1976
MAIDSTONE	MCLAREN SAND	8.930	8.55	0.00	8.55	0.763	0.000	0.763	0.571	0.193	24.961	1919	2.65	25.0	30.0	1.111	963	500	CRE	1978
	WASECA SAND	1.580	10.50	0.00	10.50	0.166	0.000	0.166	0.110	0.056	15.007	352	2.85	25.0	30.0	1.111	973	503	CRE	1981
MANITO LAKE	SPARKY SAND	11.646	12.40	0.00	12.40	1.444	0.000	1.444	0.854	0.590	42.914	1311	4.05	25.0	30.0	1.111	965	605	CRE	1970
MANITO LAKE EAST	MCLAREN SAND	1.898	3.12	0.00	3.12	0.059	0.000	0.059	0.054	0.005	1.912	291	3.45	30.0	30.0	1.111	965	605	CRE	1979
MARSDEN	SPARKY SAND	2.177	7.28	0.00	7.28	0.159	0.000	0.159	0.146	0.012	2.908	178	4.60	35.0	20.0	1.053	982	606	CRE	1949
MARSDEN NORTH	SPARKY SAND	2.131	12.50	0.00	12.50	0.266	0.000	0.266	0.144	0.123	14.092	275	4.10	30.0	30.0	1.111	965	556	CRE	1979
MARSDEN SOUTH	SPARKY SAND (NON-UNIT)	3.831	5.25	0.00	5.25	0.201	0.000	0.201	0.153	0.048	11.550	308	5.70	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 1)	10.830	4.60	23.90	28.50	0.498	2.588	3.086	1.607	1.479	82.526	518	9.58	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 2)	5.005	10.00	11.10	21.10	0.500	0.556	1.056	0.761	0.295	39.005	420	5.46	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 3)	2.229	4.95	8.80	13.75	0.110	0.196	0.307	0.278	0.028	8.746	227	4.50	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 4)	2.933	5.00	4.10	9.10	0.147	0.120	0.267	0.136	0.131	16.090	227	5.95	30.0	25.0	1.036	946	625	CRE	1979
MEOTA	LLOYDMINSTER SAND	4.329	1.95	2.05	4.00	0.084	0.089	0.173	0.173	0.000	0.000	97	17.00	31.5	15.0	1.020	992	520	CRE	1974
MERVIN	WASECA SAND	8.394	9.80	0.00	9.80	0.823	0.000	0.823	0.406	0.416	90.865	915	4.60	30.0	30.0	1.053	980	470	CRE	1985

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL												
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
MERVIN CENTRAL	WASECA SAND	0.981	2.90	0.00	2.90	0.028	0.000	0.028	0.006	0.023	5.604	81	5.00	34.0	25.0	1.053	984	431	CRE	2001
MERVIN EAST	WASECA SAND	3.549	7.90	0.00	7.90	0.280	0.000	0.280	0.118	0.163	43.311	372	4.10	35.0	30.0	1.053	995	447	CRE	1996
MERVIN SOUTH	WASECA SAND	5.668	19.20	0.00	19.20	1.088	0.000	1.088	0.158	0.930	95.680	696	3.50	35.0	30.0	1.053	993	448	CRE	1995
NEILBURG	COLONY SAND	2.488	2.17	0.00	2.17	0.054	0.000	0.054	0.042	0.012	3.034	486	2.20	35.0	30.0	1.053	953	554	CRE	1983
	MCLAREN SAND	15.470	10.52	0.00	10.52	1.627	0.000	1.627	1.325	0.303	59.001	2072	3.95	30.0	30.0	1.111	964	570	CRE	1978
NORTHMINSTER	SPARKY SAND (NON-UNIT)	7.860	1.90	1.73	3.63	0.149	0.136	0.285	0.207	0.078	15.009	461	6.00	34.0	15.0	1.017	967	541	CRE	1959
	SPARKY SAND (VOLUNTARY UNIT)	10.939	3.50	4.11	7.61	0.383	0.450	0.832	0.830	0.003	0.557	987	3.90	34.0	15.0	1.017	976	541	CRE	1959
NORTHMINSTER NORTH	G P SAND	1.178	2.50	0.00	2.50	0.029	0.000	0.029	0.030	0.000	0.000	178	4.20	25.0	30.0	1.111	984	543	CRE	1961
	SPARKY SAND	6.468	13.20	0.00	13.20	0.854	0.000	0.854	0.310	0.544	45.262	551	4.72	25.0	30.0	1.111	970	524	CRE	1961
PIKES PEAK	G P SAND	2.929	8.60	0.00	8.60	0.252	0.000	0.252	0.246	0.006	4.210	307	4.10	35.0	30.0	1.053	970	530	CRE	1970
	SPARKY SAND	0.565	3.80	0.00	3.80	0.021	0.000	0.021	0.013	0.009	1.735	148	1.64	35.0	30.0	1.053	984	515	CRE	1973
	WASECA SAND	16.643	1.70	52.10	53.80	0.283	8.671	8.954	6.999	1.955	480.629	712	8.50	33.0	15.0	1.020	978	497	CRE	1970
REWARD	WASECA SAND	6.326	9.10	0.00	9.10	0.576	0.000	0.576	0.401	0.175	121.154	793	4.00	30.0	30.0	1.053	981	680	CRE	1980
RUSH LAKE	G P SAND	9.949	11.10	0.00	11.10	1.104	0.000	1.104	0.774	0.331	143.125	907	6.60	25.0	30.0	1.053	970	470	CRE	1985
	SPARKY SAND	13.617	8.90	0.00	8.90	1.212	0.000	1.212	0.572	0.640	41.660	1150	5.00	25.0	30.0	1.111	978	478	CRE	1971
	WASECA SAND	15.172	14.80	0.00	14.80	2.245	0.000	2.245	0.921	1.324	134.451	1781	4.00	25.0	30.0	1.111	977	450	CRE	1971
RUTLAND	CUMMINGS-DINA SAND	4.587	5.34	0.00	5.34	0.245	0.000	0.245	0.198	0.047	14.732	211	8.40	33.0	20.0	1.020	980	725	CRE	1993
SALT LAKE	LLOYDMINSTER SAND	10.384	8.00	6.70	14.70	0.831	0.696	1.526	1.293	0.234	62.960	1060	4.50	28.0	20.0	1.029	970	737	CRE	1985
SENLAC	CUMMINGS-DINA SAND	44.814	10.00	1.27	11.27	4.481	0.569	5.051	3.295	1.755	470.563	1765	10.75	31.0	20.0	1.050	978	787	CRE	1990
	LLOYDMINSTER SAND	11.331	6.00	17.20	23.20	0.680	1.949	2.629	1.955	0.674	129.034	1392	4.75	28.0	32.0	1.111	968	787	CRE	1980
	WASECA SAND	2.136	1.62	0.00	1.62	0.035	0.000	0.035	0.035	0.000	0.012	210	5.10	30.0	30.0	1.053	978	670	CRE	1991
SILVERDALE	SPARKY SAND	21.055	6.20	2.88	9.08	1.305	0.606	1.912	1.780	0.131	42.661	2145	3.80	34.0	20.0	1.053	965	564	CRE	1968
SODA LAKE	CUMMINGS SAND	31.928	2.89	0.00	2.89	0.923	0.000	0.923	0.805	0.118	45.641	3000	4.30	33.0	25.0	1.000	971	610	CRE	1978
STANDARD HILL	WASECA SAND	17.618	8.78	0.00	8.78	1.547	0.000	1.547	1.477	0.069	15.991	1749	3.58	34.0	16.0	1.015	968	472	CRE	1963
STANDARD HILL NORTH	G P SAND	1.709	7.40	0.00	7.40	0.126	0.000	0.126	0.072	0.055	11.050	146	4.85	35.0	30.0	1.015	985	485	CRE	1979
	REX SAND	0.337	4.10	0.00	4.10	0.014	0.000	0.014	0.014	0.000	0.289	65	2.15	35.0	30.0	1.015	985	500	CRE	1979
	SPARKY SAND	0.527	12.40	0.00	12.40	0.065	0.000	0.065	0.061	0.004	2.292	97	2.25	35.0	30.0	1.015	985	465	CRE	1979
	WASECA SAND	3.455	5.15	0.00	5.15	0.178	0.000	0.178	0.143	0.035	14.038	421	3.40	35.0	30.0	1.015	985	445	CRE	1979
STANDARD HILL WEST	MCLAREN SAND	1.354	14.30	0.00	14.30	0.194	0.000	0.194	0.071	0.122	26.428	194	3.00	35.0	30.0	1.053	965	420	CRE	1999
TANGLEFLAGS	G P SAND (NON-UNIT)	52.593	7.85	0.88	8.73	4.129	0.463	4.591	2.642	1.950	184.624	3861	4.17	35.0	22.0	1.020	970	492	CRE	1971
	G P SAND (VOL UNIT NO 3)	4.857	4.86	0.00	4.86	0.236	0.000	0.236	0.236	0.000	0.000	567	3.20	33.3	18.0	1.020	969	490	CRE	1971
	G P SAND (VOL UNIT NO 4)	2.544	9.60	0.00	9.60	0.244	0.000	0.244	0.237	0.007	3.909	372	3.10	30.0	25.0	1.020	970	492	CRE	1971
	LLOYDMINSTER SAND (NON-UNIT)	44.674	5.74	0.00	5.74	2.564	0.000	2.564	1.659	0.905	44.916	3610	3.74	35.0	25.0	1.020	962	532	CRE	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 2)	4.011	5.50	4.53	10.03	0.221	0.182	0.402	0.389	0.013	3.095	421	4.10	30.0	21.0	1.020	959	532	CRE	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 3)	5.247	5.00	0.00	5.00	0.262	0.000	0.262	0.262	0.000	0.000	752	3.40	30.6	31.6	1.020	960	532	CRE	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 4)	3.715	3.80	1.35	5.15	0.141	0.050	0.191	0.187	0.004	1.767	372	3.80	32.3	17.0	1.020	960	518	CRE	1965
	MCLAREN SAND (NON-UNIT)	12.831	11.00	0.00	11.00	1.411	0.000	1.411	0.632	0.780	60.663	1117	3.10	35.0	30.0	1.053	970	443	CRE	1965
	MCLAREN SAND (VOL UNIT NO. 3)	1.089	1.30	0.00	1.30	0.014	0.000	0.014	0.014	0.000	0.000	130	3.60	35.0	30.0	1.053	970	443	CRE	1965
	SPARKY SAND (NON-UNIT)	32.244	9.50	0.00	9.50	3.063	0.000	3.063	1.506	1.557	190.239	3829	3.26	35.0	30.0	1.028	969	511	CRE	1969
	SPARKY SAND (VOL UNIT NO. 3)	4.857	2.20	0.00	2.20	0.107	0.000	0.107	0.104	0.003	0.000	627	3.25	35.0	30.0	1.028	970	511	CRE	1969

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
TANGLEFLAGS	SPARKY SAND (VOL. UNIT NO. 4)	2.002	2.89	0.00	2.89	0.058	0.000	0.058	0.049	0.009	3.637	227	3.70	35.0	30.0	1.028	970	511	CRE	1969
	WASECA SAND (NON-UNIT)	6.801	16.90	0.00	16.90	1.149	0.000	1.149	0.360	0.789	133.967	1044	2.80	35.0	30.0	1.053	983	427	CRE	1978
TANGLEFLAGS EAST	MCLAREN SAND	2.552	5.35	0.00	5.35	0.137	0.000	0.137	0.128	0.009	1.677	324	5.00	25.0	30.0	1.111	973	359	CRE	1978
TANGLEFLAGS NORTH	G.P. SAND	6.007	2.60	0.00	2.60	0.156	0.000	0.156	0.090	0.066	12.056	461	5.60	35.0	30.0	1.053	978	450	CRE	1977
	LLOYDMINSTER/CUMMINGS SAND	45.270	2.85	7.50	10.35	1.290	3.395	4.685	3.171	1.515	245.383	1943	9.70	35.0	30.0	1.020	970	515	CRE	1977
TANGLEFLAGS WEST	G.P. SAND	17.965	11.00	0.00	11.00	1.976	0.000	1.976	0.870	1.106	191.345	1243	5.40	35.0	22.0	1.020	979	516	CRE	1972
	LLOYDMINSTER SAND	6.012	4.03	0.00	4.03	0.242	0.000	0.242	0.192	0.050	11.702	599	3.90	35.0	25.0	1.020	967	563	CRE	1972
	MCLAREN SAND	6.763	13.20	0.00	13.20	0.893	0.000	0.893	0.462	0.431	72.090	676	4.30	35.0	30.0	1.053	980	462	CRE	1978
	SPARKY SAND	9.296	13.10	0.00	13.10	1.218	0.000	1.218	0.521	0.697	96.685	1182	3.30	35.0	30.0	1.028	975	498	CRE	1972
TURTLEFORD	WASECA SAND	2.017	2.50	0.00	2.50	0.050	0.000	0.050	0.031	0.019	6.201	113	8.95	30.0	30.0	1.053	985	465	CRE	1981
WESTHAZEL	G.P. SAND	15.371	2.94	0.00	2.94	0.452	0.000	0.452	0.380	0.072	20.740	858	7.70	35.0	30.0	1.053	977	485	CRE	1971
	SPARKY SAND	16.610	5.73	0.00	5.73	0.952	0.000	0.952	0.660	0.292	56.838	1474	5.11	35.0	30.0	1.111	967	455	CRE	1969
	WASECA SAND	6.305	6.70	0.00	6.70	0.422	0.000	0.422	0.240	0.183	46.335	1101	3.70	24.0	35.0	1.008	975	470	CRE	1973
WINTER	CUMMINGS SAND	77.341	5.58	0.00	5.58	4.316	0.000	4.316	3.333	0.983	359.343	2380	11.20	33.0	9.0	1.035	980	660	CRE	1980
WINTER SOUTH	CUMMINGS SAND	27.109	1.80	0.00	1.80	0.488	0.000	0.488	0.339	0.149	62.430	599	16.00	33.0	10.0	1.050	976	660	CRE	1980
	MCLAREN SAND	2.638	2.15	0.00	2.15	0.057	0.000	0.057	0.043	0.013	0.866	162	7.00	35.0	30.0	1.053	985	650	CRE	1991
	TOTAL AREA 1H	**2,030.661**				**133.827**	**38.038**	**171.864**	**111.787**	**60.079**	**9,216.150**									
AREA 2H																				
MISCELLANEOUS	BAKKEN SAND	60.069	5.10	0.00	5.10	3.064	0.000	3.064	1.035	2.029	249.825	4938	6.50	26.6	25.0	1.066			MIS	
	BASAL MANNVILLE SAND	9.415	3.70	0.00	3.70	0.348	0.000	0.348	0.083	0.265	31.033	810	6.00	27.2	25.0	1.053			CRE	
	BIRDBEAR	1.073	0.67	0.00	0.67	0.007	0.000	0.007	0.006	0.001	0.051	97	13.50	18.2	40.0	1.333			DEV	
	MADISON	0.434	6.40	0.00	6.40	0.028	0.000	0.028	0.006	0.021	3.330	65	4.40	22.5	25.0	1.111			CRE -JUR	
	MANNVILLE SAND	14.285	3.30	0.00	3.30	0.471	0.000	0.471	0.372	0.100	32.182	1910	4.00	26.8	25.0	1.075			CRE	
	SUCCESS	13.653	2.75	0.00	2.75	0.375	0.000	0.375	0.165	0.211	23.662	939	9.40	29.5	30.0	1.335			CRE -JUR	
ALSASK	BASAL MANNVILLE SAND	0.238	13.40	0.00	13.40	0.032	0.000	0.032	0.026	0.005	1.289	65	3.96	27.4	55.0	1.333	953	818	CRE	1968
BUFFALO COULEE	BAKKEN SAND	5.082	2.50	11.65	14.15	0.127	0.592	0.719	0.664	0.055	19.116	719	3.72	26.6	25.0	1.050	978	823	MIS	1952
BUFFALO COULEE NORTH	BAKKEN SAND	10.600	3.20	2.50	5.70	0.339	0.265	0.604	0.454	0.150	39.528	793	6.80	29.6	31.0	1.039	981	814	MIS	1952
CACTUS LAKE	BASAL MANNVILLE-BAKKEN (NON-UNIT)	7.003	8.20	2.30	10.50	0.574	0.161	0.735	0.398	0.337	44.600	583	6.00	32.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 1)	4.453	11.20	12.45	23.65	0.499	0.554	1.053	0.634	0.419	23.197	259	9.16	30.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 2)	24.802	10.00	21.00	31.00	2.480	5.208	7.689	3.110	4.579	201.853	2736	4.83	30.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 3)	2.726	9.50	10.80	20.30	0.259	0.294	0.553	0.108	0.446	13.262	191	7.52	29.0	32.0	1.039	948	850	CRE -MIS	1995
CACTUS LAKE EAST	BAKKEN SAND	2.992	11.80	0.00	11.80	0.353	0.000	0.353	0.066	0.287	21.420	210	7.50	27.0	25.0	1.066	950	785	MIS	1997
CACTUS LAKE NORTH	MCLAREN SAND (NON-UNIT)	39.487	5.90	0.00	5.90	2.330	0.000	2.330	1.991	0.339	97.329	1432	14.00	28.1	25.0	1.070	985	760	CRE	1979
	MCLAREN SAND (VOL UNIT NO. 1)	15.790	5.65	0.00	5.65	0.892	0.000	0.892	0.716	0.176	56.329	547	13.20	30.0	22.0	1.070	989	760	CRE	1979
COLEVILLE	BAKKEN SAND	54.377	4.60	17.44	22.04	2.501	9.483	11.985	9.301	2.683	129.994	3076	11.46	24.1	31.0	1.078	982	823	MIS	1951
	MANNVILLE SAND	1.297	8.20	0.00	8.20	0.106	0.000	0.106	0.100	0.006	2.408	194	3.96	25.0	25.0	1.111	976	765	CRE	1952
COLEVILLE SOUTH	BAKKEN SAND (NON-UNIT)	11.891	3.75	0.00	3.75	0.446	0.000	0.446	0.165	0.281	39.801	518	10.60	30.0	25.0	1.039	972	818	MIS	1983
	BAKKEN SAND (UNIT)	11.642	8.05	3.62	11.67	0.937	0.421	1.359	0.849	0.510	63.208	1344	4.00	30.0	25.0	1.039	972	818	MIS	1983

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL												
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
COLEVILLE SOUTH	MANNVILLE SAND	3.363	6.45	0.00	6.45	0.217	0.000	0.217	0.096	0.121	7.952	210	9.49	25.0	25.0	1.111	974	757	CRE	1983
	SUCCESS	3.437	4.10	0.00	4.10	0.141	0.000	0.141	0.109	0.032	5.340	154	13.10	27.0	30.0	1.111	984	870	CRE.-JUR	1985
COLEVILLE WEST	BAKKEN SAND	0.854	10.50	0.00	10.50	0.090	0.000	0.090	0.082	0.007	2.764	80	4.74	33.0	29.0	1.040	982	813	MIS	1996
COSINE LAKE	LLOYDMINSTER SAND	7.487	1.09	0.00	1.09	0.081	0.000	0.081	0.080	0.001	1.781	871	4.70	29.0	30.0	1.110	965	776	CRE	1972
COURT	BAKKEN SAND (NON-UNIT)	6.038	8.45	0.00	8.45	0.510	0.000	0.510	0.321	0.189	32.154	453	5.75	32.0	23.0	1.063	953	863	MIS	1982
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	11.982	6.30	17.60	23.90	0.755	2.109	2.864	2.466	0.398	91.800	777	7.47	28.5	23.0	1.063	953	863	MIS	1982
COURT NORTH	BAKKEN SAND	5.021	3.62	0.00	3.62	0.182	0.000	0.182	0.088	0.094	10.890	291	7.30	33.5	25.0	1.063	980	872	MIS	1983
COURT SOUTH	BAKKEN SAND	6.633	5.00	6.90	11.90	0.332	0.458	0.789	0.321	0.468	46.717	324	9.70	30.0	25.0	1.066	968	855	MIS	1979
COURT WEST	BAKKEN SAND	2.163	8.40	0.00	8.40	0.182	0.000	0.182	0.075	0.106	11.075	146	7.00	30.0	25.0	1.063	990	845	MIS	1995
DRUID	MANNVILLE SAND	1.829	2.45	0.00	2.45	0.045	0.000	0.045	0.042	0.003	1.276	162	6.92	25.9	30.0	1.111	969	729	CRE	1969
ERMINE	MANNVILLE SAND	1.861	3.75	0.00	3.75	0.070	0.000	0.070	0.067	0.002	1.635	243	4.12	27.5	25.0	1.111	969	694	CRE	1979
FUSILIER	BAKKEN SAND	10.494	14.50	0.00	14.50	1.522	0.000	1.522	0.838	0.683	62.416	745	7.70	25.0	22.0	1.066	962	799	MIS	1955
FUSILIER NORTH	BAKKEN SAND	2.056	6.50	0.00	6.50	0.134	0.000	0.134	0.063	0.070	27.874	190	5.50	31.0	33.1	1.054	959	860	MIS	1997
HEARTS HILL	BAKKEN SAND	3.611	4.80	1.95	6.75	0.173	0.070	0.244	0.223	0.021	8.006	324	5.67	27.6	25.0	1.053	953	758	MIS	1983
HOOSIER	BAKKEN SAND (NON-UNIT)	22.809	13.90	0.00	13.90	3.170	0.000	3.170	0.971	2.199	120.264	1716	7.18	25.3	22.0	1.066	976	865	MIS	1973
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	3.128	4.00	9.30	13.30	0.125	0.291	0.416	0.339	0.077	9.925	228	5.88	31.5	22.0	1.053	975	865	MIS	1973
KERROBERT	MANNVILLE SAND	1.406	47.30	0.00	47.30	0.665	0.000	0.665	0.428	0.237	75.896	210	3.00	31.0	20.0	1.111	995	795	CRE	1995
KERROBERT NORTH	MANNVILLE SAND	14.960	0.93	0.00	0.93	0.138	0.000	0.138	0.131	0.007	3.185	308	20.00	30.0	15.0	1.050	995	775	CRE	1995
LOVERNA	SUCCESS	2.493	5.80	0.00	5.80	0.145	0.000	0.145	0.118	0.026	2.676	146	10.50	28.9	25.0	1.333	957	853	CRE.-JUR	1952
LUSELAND	BAKKEN SAND	41.662	11.45	1.65	13.10	4.770	0.687	5.458	2.311	3.146	357.973	1570	11.82	31.5	25.0	1.053	983	739	MIS	1979
	MANNVILLE SAND	8.358	0.68	0.00	0.68	0.057	0.000	0.057	0.057	0.000	0.114	178	20.10	32.8	25.0	1.053	996	763	CRE	1985
MANTARIO EAST	BASAL MANNVILLE (NON-UNIT)	2.707	8.40	0.00	8.40	0.227	0.000	0.227	0.134	0.093	17.686	194	5.72	31.0	15.0	1.080	969	860	CRE	1995
	BASAL MANNVILLE (VOL. UNIT NO. 1)	2.596	3.60	11.10	14.70	0.093	0.288	0.382	0.243	0.138	26.166	186	5.72	31.0	15.0	1.080	969	860	CRE	1995
MANTARIO NORTH	BASAL MANNVILLE (NON-UNIT)	1.745	11.90	0.00	11.90	0.208	0.000	0.208	0.140	0.068	21.965	130	6.00	30.0	20.0	1.073	960	900	CRE	1994
	BASAL MANNVILLE (VOL. UNIT NO. 1)	16.535	4.60	25.30	29.90	0.761	4.183	4.944	2.165	2.779	383.020	1166	6.34	30.0	20.0	1.073	960	900	CRE	1994
MARENGO SOUTH	BASAL MANNVILLE	11.718	6.10	9.70	15.80	0.715	1.137	1.851	1.099	0.753	100.319	826	5.90	30.0	14.0	1.073	969	808	CRE	1991
MILTON	BAKKEN SAND	4.387	8.20	0.00	8.20	0.360	0.000	0.360	0.229	0.131	35.442	437	4.90	28.0	22.0	1.066	960	846	MIS	1994
MILTON SOUTH	SUCCESS	3.158	2.30	0.00	2.30	0.073	0.000	0.073	0.055	0.018	5.341	146	9.63	31.0	25.0	1.035	963	788	CRE.-JUR	1980
NORTH HOOSIER	BAKKEN SAND (NON-UNIT)	11.822	7.15	0.00	7.15	0.845	0.000	0.845	0.468	0.377	43.430	955	7.23	23.4	22.0	1.066	958	878	MIS	1965
	BAKKEN SAND (VOLUNTARY UNIT)	8.498	2.30	14.50	16.80	0.195	1.232	1.428	1.218	0.210	20.332	452	9.40	30.0	30.0	1.050	958	878	MIS	1965
	BASAL MANNVILLE SAND (NON-UNIT)	7.576	6.20	0.00	6.20	0.470	0.000	0.470	0.315	0.155	53.083	648	5.25	32.0	27.0	1.049	970	838	CRE	1964
	BASAL MANNVILLE SAND (VOL UNIT)	4.147	6.00	16.10	22.10	0.249	0.668	0.917	0.826	0.090	16.056	313	6.80	28.0	27.0	1.049	970	838	CRE	1964
NORTH SMILEY	BAKKEN SAND	0.335	1.50	0.00	1.50	0.005	0.000	0.005	0.001	0.004	0.000	32	5.90	25.4	25.0	1.075	985	810	MIS	1981
	BAKKEN SAND (VOL. UNIT NO. 1)	10.494	1.94	5.90	7.84	0.204	0.619	0.823	0.255	0.568	30.844	1166	4.20	30.0	25.0	1.050	985	810	MIS	1981
ONWARD	BASAL MANNVILLE SAND	2.878	9.80	0.00	9.80	0.282	0.000	0.282	0.194	0.088	19.684	162	8.40	33.2	31.4	1.077	971	810	CRE	1987
PLOVER LAKE	BAKKEN SAND	20.017	11.50	1.20	12.70	2.302	0.240	2.542	1.952	0.590	98.135	1230	7.30	31.3	25.0	1.053	963	817	MIS	1974
	MCLAREN SAND (NON-UNIT)	21.382	3.80	0.00	3.80	0.813	0.000	0.813	0.639	0.173	44.723	615	16.11	30.3	25.0	1.053	984	720	CRE	1985
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	11.621	5.83	0.00	5.83	0.678	0.000	0.678	0.549	0.129	14.708	243	21.59	31.1	25.0	1.053	984	720	CRE	1985
PLOVER LAKE EAST	BAKKEN SAND	36.132	3.44	0.00	3.44	1.243	0.000	1.243	1.177	0.066	47.772	1295	11.30	32.5	20.0	1.053	963	825	MIS	1980
PLOVER LAKE SOUTH	BAKKEN SAND	3.839	0.82	0.00	0.82	0.031	0.000	0.031	0.026	0.005	3.234	211	8.60	29.7	25.0	1.053	984	814	MIS	1985

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2001	DEV.	NET	AVE.	AVE. CONN.	FORM. VOLUME	OIL	PROD.		DISC.
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/01	RESERVES	PROD.	AREA	PAY	POR.	WATER	FACTOR	DENSITY	DEPTH	SYSTEM	YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
PLOVER LAKE WEST	BAKKEN SAND	10.403	1.34	0.00	1.34	0.139	0.000	0.139	0.078	0.061	11.681	631	7.00	31.0	20.0	1.053	963	802	MIS	1976
SMILEY	BAKKEN SAND (VOL UNIT NO. 1)	1.287	7.30	0.00	7.30	0.094	0.000	0.094	0.080	0.014	9.974	114	6.00	30.0	35.0	1.036	964	805	MIS	1996
SUPERB	WASECA SAND	2.380	9.80	0.00	9.80	0.233	0.000	0.233	0.106	0.127	22.077	194	4.60	34.0	20.0	1.020	990	770	CRE	1996
SUPERB NORTH	WASECA SAND (VOL UNIT NO. 1)	1.451	0.20	0.00	0.20	0.003	0.000	0.003	0.003	0.000	0.073	32	17.00	34.0	20.0	1.020	995	745	CRE	1996
	TOTAL AREA 2H	**650.062**				**39.895**	**28.963**	**68.858**	**41.430**	**27.428**	**3,001.075**									
AREA 2L																				
MISCELLANEOUS	VIKING SAND	22.855	1.60	0.00	1.60	0.366	0.000	0.366	0.194	0.172	19.190	4355	3.90	23.0	35.0	1.111			CRE	
AVON HILL	VIKING (NON-UNIT)	4.147	8.45	0.00	8.45	0.350	0.000	0.350	0.331	0.020	4.418	1488	2.43	23.0	45.0	1.103	844	725	CRE	1959
	VIKING (VOLUNTARY UNIT)	4.493	5.95	0.00	5.95	0.267	0.000	0.267	0.259	0.009	4.038	1586	2.47	23.0	45.0	1.103	844	725	CRE	1959
DODSLAND	VIKING (EAGLE LAKE VOL UNIT)	11.207	16.30	20.85	37.15	1.827	2.337	4.163	3.219	0.945	66.586	3772	2.66	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (EAST DODSLAND VOL UNIT)	24.431	4.80	0.00	4.80	1.173	0.000	1.173	1.090	0.082	25.814	6814	3.21	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH SOUTH VOL UNIT)	0.396	15.50	1.70	17.20	0.061	0.007	0.068	0.058	0.010	0.759	129	2.75	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH UNIT)	9.546	12.60	25.80	38.40	1.203	2.463	3.666	2.689	0.977	50.153	3011	2.93	21.7	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT NO. 2)	2.327	3.10	2.05	5.15	0.072	0.048	0.120	0.096	0.024	2.336	712	2.90	22.6	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT)	2.323	7.80	0.00	7.80	0.181	0.000	0.181	0.166	0.015	7.298	842	2.47	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NON-UNIT)	55.341	7.53	0.00	7.53	4.167	0.000	4.167	4.076	0.091	71.463	20306	2.44	22.4	45.0	1.103	842	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT NO. 2)	0.942	6.05	0.00	6.05	0.057	0.000	0.057	0.051	0.006	1.029	356	2.37	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT)	7.253	5.83	0.00	5.83	0.423	0.000	0.423	0.367	0.056	13.027	1910	3.40	22.4	45.0	1.103	840	671	CRE	1956
EUREKA	VIKING (NON-UNIT)	8.314	4.28	0.00	4.28	0.356	0.000	0.356	0.299	0.056	9.822	1652	4.15	23.0	42.0	1.100	849	724	CRE	1954
	VIKING (NORTH EUREKA UNIT)	6.709	9.15	12.05	21.20	0.614	0.808	1.422	1.309	0.113	15.540	1683	3.32	23.0	42.0	1.111	853	724	CRE	1954
	VIKING (SOUTH EUREKA UNIT)	6.811	9.55	14.70	24.25	0.650	1.001	1.652	1.477	0.174	19.323	1522	3.69	23.0	42.0	1.100	853	724	CRE	1954
FORGAN	VIKING	1.563	6.65	0.00	6.65	0.104	0.000	0.104	0.082	0.022	1.827	534	2.57	23.0	45.0	1.111	842	714	CRE	1981
FORGAN WEST	VIKING	2.466	4.40	0.00	4.40	0.109	0.000	0.109	0.094	0.014	3.158	567	3.82	23.0	45.0	1.111	842	680	CRE	1984
KERROBERT	VIKING	38.681	5.30	1.87	7.17	2.050	0.723	2.773	2.551	0.222	72.466	17034	1.98	23.0	45.0	1.103	842	714	CRE	1981
LUCKY HILLS	VIKING (NON-UNIT)	1.721	9.01	0.00	9.01	0.155	0.000	0.155	0.136	0.019	2.415	534	3.10	21.0	45.0	1.111	843	716	CRE	1959
	VIKING (VOLUNTARY UNIT)	1.573	5.46	0.00	5.46	0.086	0.000	0.086	0.085	0.001	0.377	453	3.05	23.0	45.0	1.111	843	716	CRE	1959
PLATO	VIKING (NON-UNIT)	3.060	3.23	0.00	3.23	0.099	0.000	0.099	0.098	0.001	2.300	842	2.84	22.0	38.0	1.066	856	644	CRE	1968
	VIKING (VOLUNTARY UNIT NO. 1)	6.542	4.20	1.34	5.54	0.275	0.088	0.362	0.359	0.004	2.022	1554	3.29	22.0	38.0	1.066	853	644	CRE	1968
PLATO NORTH	VIKING	16.955	7.55	0.00	7.55	1.280	0.000	1.280	1.037	0.244	26.214	4791	2.63	23.0	35.0	1.111	865	705	CRE	1978
PLENTY	VIKING	5.627	3.83	0.00	3.83	0.216	0.000	0.216	0.204	0.012	7.165	1457	2.87	23.0	35.0	1.111	853	640	CRE	1985
PRAIRIEDALE	VIKING	39.465	2.50	0.00	2.50	0.987	0.000	0.987	0.532	0.454	56.072	6395	5.42	23.0	45.0	1.111	870	743	CRE	1984
SMILEY-DEWAR	VIKING (NON-UNIT)	22.674	16.65	5.90	22.55	3.775	1.338	5.113	4.702	0.411	32.008	4240	4.42	24.0	45.0	1.091	875	701	CRE	1953
	VIKING (VOLUNTARY UNIT NO. 1)	3.808	10.25	4.00	14.25	0.390	0.152	0.543	0.481	0.062	7.717	712	4.42	24.0	45.0	1.091	875	700	CRE	1953
VERENDRYE	VIKING	18.034	3.86	0.00	3.86	0.696	0.000	0.696	0.675	0.021	20.965	3481	3.85	23.0	35.0	1.111	865	713	CRE	1987
WHITESIDE	VIKING SAND (NON-UNIT)	5.655	5.35	0.00	5.35	0.303	0.000	0.303	0.278	0.024	7.587	2573	1.83	24.0	45.0	1.099	870	751	CRE	1953
	VIKING SAND (VOLUNTARY UNIT)	2.668	12.20	0.00	12.20	0.326	0.000	0.326	0.312	0.014	4.434	1214	1.83	24.0	45.0	1.099	870	751	CRE	1953
	TOTAL AREA 2L	**337.589**				**22.617**	**8.965**	**31.581**	**27.307**	**4.274**	**557.523**									

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM. %	ENHAN. %	TOTAL %	PRIM. 1000000 m3	ENHAN. 1000000 m3	TOTAL 1000000 m3	1000000 m3	1000000 m3	1000 m3	ha	m	%	%		KG/m3	m		
AREA 3M																				
MISCELLANEOUS	BASAL MANNVILLE SAND	5.729	1.40	0.00	1.40	0.080	0.000	0.080	0.065	0.016	6.815	453	7.60	25.0	30.7	1.041			CRE	
	CANTUAR SAND	10.638	5.10	0.00	5.10	0.543	0.000	0.543	0.364	0.179	40.945	1014	6.10	24.5	25.8	1.057			CRE	
	GRAVELBOURG	0.124	22.20	0.00	22.20	0.027	0.000	0.027	0.022	0.005	0.529	16	8.23	16.7	25.0	1.333			JUR	
	LOWER SHAUNAVON	0.715	5.00	0.00	5.00	0.036	0.000	0.036	0.032	0.003	2.160	113	6.20	15.7	25.0	1.154			JUR	
	MADISON	0.738	12.00	0.00	12.00	0.089	0.000	0.089	0.028	0.060	11.986	113	4.50	21.5	25.0	1.111			MIS	
	PREMIER SAND (N. PREMIER UNIT NO. 2)	0.232	15.00	13.94	28.94	0.035	0.032	0.067	0.067	0.000	0.000	75	1.40	30.8	25.0	1.046			CRE.	
	ROSERAY SAND	5.362	12.70	0.00	12.70	0.681	0.000	0.681	0.481	0.200	27.501	664	4.70	24.9	26.3	1.068			JUR	
	SHAUNAVON	0.124	2.00	0.00	2.00	0.002	0.000	0.002	0.002	0.000	0.148	32	3.00	18.0	25.0	1.042			JUR.	
	UPPER SHAUNAVON	7.726	8.50	0.00	8.50	0.657	0.000	0.657	0.526	0.131	32.480	1489	4.10	17.5	21.1	1.091			JUR.	
ANTELOPE	CANTUAR SAND	0.732	5.87	0.00	5.87	0.043	0.000	0.043	0.036	0.007	4.464	81	4.84	28.0	30.0	1.050	920	1090	CRE.	1996
ANTELOPE LAKE	ROSERAY SAND (NON-UNIT)	0.470	50.00	0.00	50.00	0.235	0.000	0.235	0.101	0.134	13.029	97	2.63	26.4	25.0	1.075	923	970	JUR.	1994
	UPPER SHAUNAVON (NON-UNIT)	0.738	4.20	0.00	4.20	0.031	0.000	0.031	0.021	0.010	2.209	194	3.75	16.5	40.0	0.976	914	1037	JUR.	1964
	UPPER SHAUNAVON (VOLUNTARY UNIT)	1.017	16.00	2.60	18.60	0.163	0.026	0.189	0.168	0.021	4.786	453	2.13	18.0	40.0	1.025	914	1037	JUR	1964
ANTELOPE LAKE EAST	ROSERAY SAND	0.457	2.20	0.00	2.20	0.010	0.000	0.010	0.010	0.000	0.000	65	5.00	23.9	37.0	1.070	923	950	JUR.	1964
ANTELOPE LAKE NORTH	CANTUAR SAND	0.185	3.20	4.50	7.70	0.006	0.008	0.014	0.011	0.003	0.824	94	1.50	23.0	40.0	1.050	920	1000	CRE.	1995
	ROSERAY SAND	0.443	8.10	14.10	22.20	0.036	0.062	0.098	0.090	0.008	5.040	59	4.95	28.0	42.0	1.070	923	1025	JUR.	1995
ANTELOPE LAKE SOUTH	ROSERAY SAND	0.584	13.50	0.00	13.50	0.079	0.000	0.079	0.068	0.011	4.863	65	4.60	28.0	25.0	1.075	923	1035	JUR.	1964
BATTLE CREEK	MADISON	0.917	20.20	0.00	20.20	0.185	0.000	0.185	0.143	0.043	10.853	146	6.85	16.0	40.0	1.047	997	1390	MIS.	1966
	UPPER SHAUNAVON	0.563	10.60	0.00	10.60	0.060	0.000	0.060	0.056	0.004	1.309	146	4.57	12.5	25.0	1.111	945	1337	JUR.	1966
BATTLE CREEK SOUTH	UPPER SHAUNAVON	1.822	36.40	0.00	36.40	0.663	0.000	0.663	0.568	0.095	19.294	194	9.80	14.2	25.0	1.111	915	1305	JUR.	1988
BATTRUM	ROSERAY SAND (NON-UNIT)	0.545	10.80	0.00	10.80	0.059	0.000	0.059	0.049	0.010	1.933	49	8.50	22.1	39.3	1.026	942	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 1)	32.876	10.00	25.00	35.00	3.288	8.219	11.507	7.875	3.632	228.368	1810	10.73	26.0	33.2	1.026	938	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 2)	5.990	6.60	43.50	50.10	0.395	2.606	3.001	2.403	0.598	60.568	324	9.75	27.4	29.0	1.026	943	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 4)	3.431	8.30	39.20	47.50	0.285	1.345	1.630	1.575	0.055	19.353	453	5.09	25.1	39.3	1.024	942	883	JUR.	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 3)	8.086	8.00	25.20	33.20	0.647	2.038	2.685	2.364	0.321	54.355	971	5.44	25.2	38.1	1.019	942	883	JUR.	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 5)	0.346	10.00	11.80	21.80	0.035	0.041	0.075	0.049	0.026	3.596	65	4.82	24.4	53.8	1.022	942	883	JUR.	1955
BATTRUM EAST	ROSERAY SAND	0.360	7.00	37.60	44.60	0.025	0.135	0.161	0.153	0.008	3.588	81	2.99	25.1	39.3	1.024	938	913	JUR.	1987
BATTRUM NORTH	ROSERAY SAND (NON-UNIT)	0.085	14.40	25.80	40.20	0.012	0.022	0.034	0.025	0.009	2.312	32	2.00	23.0	41.0	1.026	940	865	JUR.	1995
	ROSERAY SAND (VOLUNTARY UNIT NO. 1)	1.636	17.00	24.50	41.50	0.278	0.401	0.679	0.410	0.269	34.019	227	4.70	25.0	35.0	1.060	942	866	JUR	1979
BENCH	SHAUNAVON	0.082	8.10	0.00	8.10	0.007	0.000	0.007	0.007	0.000	0.654	16	4.50	15.0	20.0	1.051	915	1351	JUR.	2000
	UPPER SHAUNAVON (NON-UNIT)	6.032	9.00	0.00	9.00	0.543	0.000	0.543	0.469	0.074	24.489	1182	4.00	16.0	15.0	1.064	915	1347	JUR.	1969
	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.946	6.90	1.30	8.20	0.134	0.025	0.160	0.138	0.022	3.538	446	2.90	19.9	20.0	1.058	915	1347	JUR.	1969
BEVERLEY	CANTUAR SAND (NON-UNIT)	0.571	0.70	0.00	0.70	0.004	0.000	0.004	0.004	0.000	0.061	81	6.90	20.4	46.1	1.076	920	991	CRE.	1969
	CANTUAR SAND (VOL UNIT NO. 1)	6.243	8.00	7.60	15.60	0.499	0.474	0.974	0.766	0.208	31.394	1230	4.30	25.1	49.4	1.076	920	991	CRE.	1969
	CANTUAR SAND (VOL UNIT NO. 3)	1.025	7.70	0.00	7.70	0.079	0.000	0.079	0.071	0.008	2.128	372	2.79	21.0	49.4	1.076	920	991	CRE.	1969
	ROSERAY SAND (NON-UNIT)	0.921	8.50	0.00	8.50	0.078	0.000	0.078	0.040	0.038	4.726	113	5.30	26.7	38.8	1.063	929	983	JUR.	1952
	ROSERAY SAND (UNIT NO. 1)	4.036	15.00	39.00	54.00	0.605	1.574	2.179	2.015	0.164	22.834	805	3.11	28.0	38.8	1.063	926	983	JUR.	1952
	ROSERAY SAND (VOL UNIT NO. 2)	1.765	9.70	33.00	42.70	0.171	0.582	0.754	0.463	0.291	43.697	372	2.90	24.4	28.0	1.074	926	983	JUR.	1952

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL												
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO. 1)	1.440	12.50	0.00	12.50	0.180	0.000	0.180	0.169	0.011	5.068	550	1.61	25.0	30.0	1.076	927	975	CRE	1985
BEVERLEY NORTH	CANTUAR SAND (NON-UNIT)	0.639	10.00	0.00	10.00	0.064	0.000	0.064	0.022	0.042	3.411	97	6.30	27.7	59.4	1.076	922	969	CRE	1967
	CANTUAR SAND (VOL UNIT NO. 1)	5.673	5.20	6.20	11.40	0.295	0.352	0.647	0.435	0.212	31.056	1023	5.95	24.7	59.4	1.076	922	969	CRE	1967
BONE CREEK	UPPER SHAUNAVON (UNIT)	12.207	5.10	19.30	24.40	0.623	2.356	2.978	2.760	0.218	27.539	1882	5.28	13.8	6.0	1.056	914	1341	JUR	1954
BONE CREEK WEST	UPPER SHAUNAVON	0.743	10.00	31.50	41.50	0.074	0.234	0.308	0.088	0.220	29.884	162	2.80	18.4	6.0	1.056	915	1364	JUR	1997
BUTTE	SHAUNAVON	0.326	19.00	0.00	19.00	0.062	0.000	0.062	0.015	0.047	6.619	16	11.90	22.5	20.0	1.051	915	1325	JUR	1999
	UPPER SHAUNAVON (NON-UNIT)	14.574	6.20	5.21	11.41	0.904	0.759	1.663	0.752	0.911	115.388	2526	4.40	18.2	25.0	1.041	914	1338	JUR	1967
	UPPER SHAUNAVON (VOLUNTARY UNIT)	8.916	5.50	19.30	24.80	0.490	1.721	2.211	1.522	0.689	40.091	2137	2.54	22.8	25.0	1.041	914	1338	JUR	1967
BUTTE WEST	UPPER SHAUNAVON (NON-UNIT)	5.292	2.50	0.38	2.88	0.132	0.020	0.152	0.108	0.045	8.144	583	7.20	17.7	25.0	1.053	914	1338	JUR	1967
	UPPER SHAUNAVON (VOL UNIT NO. 1)	6.409	3.30	1.10	4.40	0.212	0.071	0.282	0.166	0.116	9.497	817	7.80	14.0	25.0	1.044	914	1338	JUR	1967
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.900	13.80	1.50	15.30	0.262	0.029	0.291	0.240	0.051	14.983	412	3.49	18.9	27.0	1.044	914	1338	JUR	1967
CANTUAR	ROSERAY SAND (CANTUAR UNIT)	13.927	35.30	0.00	35.30	4.916	0.000	4.916	3.703	1.213	304.350	2765	2.65	27.2	24.6	1.079	964	991	JUR	1952
	ROSERAY SAND (NON-UNIT)	1.012	20.30	0.00	20.30	0.205	0.000	0.205	0.107	0.099	19.176	130	5.80	26.2	35.0	1.267	964	991	JUR	1952
CANTUAR EAST	CANTUAR SAND (UNIT NO. 1)	4.814	4.10	7.80	11.90	0.197	0.375	0.573	0.391	0.182	20.539	763	5.18	23.3	43.6	1.079	920	965	CRE	1956
	CANTUAR SAND (UNIT NO. 2)	0.813	4.40	0.00	4.40	0.036	0.000	0.036	0.022	0.013	2.191	146	4.57	23.3	43.6	1.079	929	965	CRE	1956
	LOWER SHAUNAVON	1.074	10.00	23.40	33.40	0.107	0.251	0.359	0.096	0.262	22.527	259	2.60	22.0	25.0	1.035	944	1008	JUR	1962
	ROSERAY SAND (NON-UNIT)	0.838	59.50	0.00	59.50	0.498	0.000	0.498	0.270	0.229	69.553	97	5.41	26.5	35.0	1.079	935	983	JUR	1956
	ROSERAY SAND (UNIT NO. 1)	2.899	6.80	16.80	23.60	0.197	0.487	0.684	0.397	0.287	26.158	716	2.80	26.0	40.0	1.079	933	983	JUR	1956
	ROSERAY SAND (UNIT NO. 2)	1.989	11.40	34.50	45.90	0.227	0.686	0.913	0.422	0.491	39.425	502	2.74	26.0	40.0	1.079	938	983	JUR	1956
CANTUAR MAIN	CANTUAR SAND (CANTUAR UNIT)	22.107	8.70	14.80	23.50	1.923	3.272	5.195	4.949	0.246	42.231	3166	5.06	26.4	43.6	1.079	922	975	CRE	1952
	CANTUAR SAND (NON-UNIT)	0.111	14.50	0.00	14.50	0.016	0.000	0.016	0.012	0.004	0.477	16	5.05	26.4	43.6	1.079	918	975	CRE	1952
CANTUAR NORTH	ROSERAY SAND	1.000	17.50	0.00	17.50	0.175	0.000	0.175	0.138	0.036	5.301	289	2.84	21.9	40.0	1.079	941	970	JUR	1968
CHAMBERY	UPPER SHAUNAVON	0.864	17.80	0.00	17.80	0.154	0.000	0.154	0.115	0.038	11.207	227	3.22	16.9	25.0	1.075	926	1505	JUR	1980
CLINTONVILLE	SHAUNAVON	5.295	2.25	0.00	2.25	0.119	0.000	0.119	0.112	0.007	4.213	453	12.62	13.1	25.0	1.064	915	1362	JUR	1953
COVINGTON	UPPER SHAUNAVON (NON-UNIT)	0.216	19.20	0.00	19.20	0.041	0.000	0.041	0.020	0.021	1.153	64	2.70	16.6	22.0	1.036	894	1330	JUR	1966
	UPPER SHAUNAVON (UNIT NO. 1)	1.071	14.00	8.56	22.56	0.150	0.092	0.242	0.242	0.000	1.167	376	2.44	15.5	22.0	1.036	894	1330	JUR	1966
COVINGTON SOUTH	UPPER SHAUNAVON	0.339	20.50	0.00	20.50	0.069	0.000	0.069	0.069	0.000	0.000	65	5.90	11.7	22.0	1.036	906	1300	JUR	1985
COVINGTON WEST	UPPER SHAUNAVON	4.581	18.40	0.00	18.40	0.843	0.000	0.843	0.482	0.361	80.163	988	4.00	20.6	25.0	1.333	906	1336	JUR	1969
DELTA	UPPER SHAUNAVON (NON-UNIT)	0.632	3.05	0.00	3.05	0.019	0.000	0.019	0.015	0.005	1.785	97	8.75	16.0	50.0	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (UNIT NO. 1)	9.383	12.50	16.16	28.66	1.173	1.516	2.689	2.584	0.105	16.088	2159	3.20	20.4	28.5	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (UNIT NO. 2)	2.540	7.00	10.16	17.16	0.178	0.258	0.436	0.418	0.018	3.524	716	3.81	20.0	50.0	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (VOL UNIT NO. 3)	0.989	9.60	6.90	16.50	0.095	0.068	0.163	0.159	0.005	2.482	129	5.86	23.9	41.2	1.074	914	1065	JUR	1956
DELTA WEST	UPPER SHAUNAVON	0.781	15.40	0.00	15.40	0.120	0.000	0.120	0.081	0.039	6.131	162	5.16	18.3	45.0	1.075	956	1035	JUR	1994
DIVIDE	MADISON	0.208	2.60	0.00	2.60	0.005	0.000	0.005	0.005	0.000	0.000	81	3.00	12.0	25.0	1.050	966	1475	MIS	1995
DOLLARD	LOWER SHAUNAVON	0.285	1.51	0.00	1.51	0.004	0.000	0.004	0.004	0.000	0.000	32	6.40	17.2	12.0	1.087	927	1392	JUR	1987
	UPPER SHAUNAVON (E. DOLL. VOL UNIT)	1.648	20.00	27.80	47.80	0.330	0.458	0.788	0.747	0.041	7.394	469	3.20	17.2	30.6	1.087	915	1402	JUR	1953
	UPPER SHAUNAVON (NON-UNIT)	0.774	21.30	0.00	21.30	0.165	0.000	0.165	0.149	0.016	1.766	227	3.19	13.2	12.0	1.087	914	1402	JUR	1953
	UPPER SHAUNAVON (UNIT)	26.064	20.00	38.15	58.15	5.213	9.944	15.156	14.086	1.070	126.841	3642	4.42	20.0	12.0	1.087	914	1402	JUR	1953
EASTBROOK	SHAUNAVON	4.470	3.38	0.00	3.38	0.151	0.000	0.151	0.136	0.015	5.359	647	6.43	15.4	25.0	1.075	926	1420	JUR	1966
EASTEND	SHAUNAVON	2.776	3.72	0.00	3.72	0.103	0.000	0.103	0.100	0.003	1.276	453	6.90	12.2	20.0	1.099	927	1457	JUR	1952

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
FOSTERTON	ROSERAY SAND (MAIN UNIT)	22.341	17.00	33.70	50.70	3.798	7.529	11.327	9.749	1.578	134.104	1028	9.81	28.8	19.0	1.053	907	975	CRE.-JUR	1952
	ROSERAY SAND (NORTHWEST UNIT)	1.978	11.00	20.20	31.20	0.218	0.400	0.617	0.589	0.028	11.227	104	8.44	28.8	19.0	1.035	933	975	CRE.-JUR	1952
	ROSERAY SAND (WEST FOST. VOL UNIT)	1.220	11.00	46.90	57.90	0.134	0.572	0.707	0.630	0.077	19.803	146	5.03	25.0	30.0	1.053	921	975	CRE.-JUR	1952
FOSTERTON SOUTH	CANTUAR SAND	0.835	10.75	0.00	10.75	0.090	0.000	0.090	0.079	0.011	2.618	81	7.64	22.4	35.0	1.079	947	950	CRE.	1965
	ROSERAY SAND	1.174	10.58	0.00	10.58	0.124	0.000	0.124	0.105	0.019	3.649	97	8.35	21.8	30.0	1.053	933	968	JUR.	1965
GARDENHEAD	UPPER SHAUNAVON (NON-UNIT)	0.392	8.60	0.00	8.60	0.034	0.000	0.034	0.016	0.018	3.886	97	7.90	7.1	25.0	1.042	909	1360	JUR.	1993
	UPPER SHAUNAVON (VOL UNIT NO. 1)	5.048	4.60	5.60	10.20	0.232	0.283	0.515	0.332	0.183	27.902	713	4.20	22.0	20.0	1.044	909	1360	JUR.	1993
GARDENHEAD SOUTH	UPPER SHAUNAVON	0.696	10.00	10.60	20.60	0.070	0.074	0.143	0.108	0.036	3.510	264	2.26	16.2	25.0	1.042	914	1360	JUR.	1970
GULL LAKE	BASAL CANTUAR SAND (JOHNSTON UNIT)	1.030	6.50	8.09	14.59	0.067	0.083	0.150	0.150	0.000	0.000	132	6.58	21.1	39.5	1.076	915	1100	CRE.	1953
	BASAL CANTUAR SAND (NON-UNIT)	3.279	7.20	0.00	7.20	0.236	0.000	0.236	0.167	0.070	26.698	259	9.50	23.7	39.5	1.076	927	1100	CRE.	1953
	BASAL CANTUAR SAND (VOL UNIT NO. 1)	2.729	3.30	15.10	18.40	0.090	0.412	0.502	0.465	0.037	4.422	449	3.59	26.0	30.0	1.075	914	1100	CRE.	1953
	ROSERAY SAND	0.464	2.80	0.00	2.80	0.013	0.000	0.013	0.013	0.000	0.208	49	6.30	25.0	35.0	1.080	920	1075	JUR.	1994
GULL LAKE CENTRAL	UPPER SHAUNAVON (NON-UNIT)	2.943	7.52	0.00	7.52	0.221	0.000	0.221	0.203	0.018	3.925	971	3.80	16.1	46.5	1.080	907	1195	JUR.	1953
	UPPER SHAUNAVON (VOL UNIT NO. 1)	0.614	24.00	18.26	42.26	0.147	0.112	0.260	0.255	0.004	0.776	453	1.62	16.9	46.5	1.080	914	1195	JUR.	1953
GULL LAKE NORTH	BASAL CANTUAR SAND	0.209	0.82	0.00	0.82	0.002	0.000	0.002	0.002	0.000	0.033	16	7.50	29.1	35.0	1.087	927	1060	CRE.	1996
	UPPER SHAUNAVON (NON-UNIT)	0.395	36.00	0.00	36.00	0.142	0.000	0.142	0.093	0.050	8.279	97	2.80	20.0	25.0	1.031	920	1158	JUR.	1953
	UPPER SHAUNAVON (UNIT)	6.911	11.00	41.00	52.00	0.760	2.833	3.594	3.425	0.169	24.969	1246	3.93	19.4	25.0	1.031	964	1158	JUR.	1953
GULL LAKE SOUTH	UPPER SHAUNAVON (NON-UNIT)	0.295	2.50	0.00	2.50	0.007	0.000	0.007	0.007	0.000	0.000	65	3.20	19.5	25.0	1.031	891	1325	JUR.	1952
	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.561	9.60	5.50	15.10	0.150	0.086	0.236	0.218	0.018	4.174	779	1.22	24.7	30.0	1.053	891	1325	JUR.	1952
HAZLET	ROSERAY SAND (NON-UNIT)	0.371	9.80	0.00	9.80	0.036	0.000	0.036	0.014	0.022	2.723	49	4.25	23.7	21.0	1.050	920	963	JUR.	1963
	ROSERAY SAND (UNIT)	1.742	26.10	19.60	45.70	0.455	0.341	0.796	0.713	0.083	14.334	191	5.27	23.0	21.0	1.050	920	963	JUR.	1963
ILLERBRUN	UPPER SHAUNAVON (NON-UNIT)	0.399	12.50	0.00	12.50	0.050	0.000	0.050	0.050	0.000	0.000	97	3.62	15.4	22.0	1.057	885	1280	JUR.	1965
	UPPER SHAUNAVON (VOLUNTARY UNIT)	3.221	16.60	18.30	34.90	0.535	0.589	1.124	1.082	0.042	6.406	453	6.06	15.9	22.0	1.057	885	1280	JUR.	1965
INSTOW	UPPER SHAUNAVON (NON-UNIT)	0.204	9.60	0.00	9.60	0.020	0.000	0.020	0.013	0.007	1.486	65	3.30	11.8	15.0	1.056	922	1372	JUR.	1954
	UPPER SHAUNAVON (SOUTH VOL UNIT)	1.855	14.60	14.30	28.90	0.271	0.265	0.536	0.455	0.081	17.771	441	3.21	16.4	15.0	1.064	914	1372	JUR.	1954
	UPPER SHAUNAVON (UNIT)	22.063	9.40	37.50	46.90	2.074	8.273	10.347	9.209	1.139	102.147	4244	4.68	13.8	15.0	1.056	914	1372	JUR.	1954
JAVA	CANTUAR SAND	0.975	1.80	8.10	9.90	0.018	0.079	0.097	0.079	0.017	1.494	347	2.09	24.0	40.0	1.071	947	1013	CRE.	1955
JAVA NORTH	CANTUAR SAND	2.239	6.00	3.40	9.40	0.134	0.076	0.210	0.141	0.070	13.623	132	9.00	28.0	30.0	1.040	971	1005	CRE.	1984
JAVA WEST	CANTUAR SAND	4.215	9.50	0.00	9.50	0.400	0.000	0.400	0.172	0.228	47.941	211	10.60	28.0	30.0	1.040	960	995	CRE.	1996
JOHNSTON	UPPER SHAUNAVON (JOHNSTON UNIT)	0.327	10.68	0.00	10.68	0.035	0.000	0.035	0.035	0.000	0.000	160	1.60	19.0	30.0	1.040	914	1188	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	0.106	0.73	0.00	0.73	0.001	0.000	0.001	0.001	0.000	0.000	32	2.50	16.0	15.0	1.031	914	1188	JUR.	1953
LEITCHVILLE	SHAUNAVON (NON-UNIT)	4.314	4.82	0.00	4.82	0.208	0.000	0.208	0.192	0.016	6.857	906	5.79	14.0	37.5	1.064	923	1371	JUR.	1960
	SHAUNAVON (VOLUNTARY UNIT)	4.629	2.50	7.60	10.10	0.116	0.352	0.467	0.386	0.081	10.525	1664	2.60	15.3	25.6	1.064	914	1371	JUR.	1960
LEON LAKE	SHAUNAVON	4.319	9.76	0.00	9.76	0.422	0.000	0.422	0.399	0.023	9.159	890	5.24	16.3	40.0	1.056	922	1371	JUR.	1953
MAIN SUCCESS	ROSERAY SAND (MAIN UNIT)	6.858	13.00	32.60	45.60	0.892	2.236	3.127	2.843	0.284	24.985	770	4.51	26.8	19.9	1.087	914	975	JUR.	1952
NORTH PREMIER	ROSERAY SAND (NON-UNIT)	0.527	27.00	0.00	27.00	0.142	0.000	0.142	0.105	0.038	5.725	81	3.60	25.1	25.0	1.042	917	1006	JUR.	1953
	ROSERAY SAND (UNIT NO. 1)	4.017	15.00	31.23	46.23	0.603	1.254	1.857	1.824	0.033	6.203	364	4.66	32.9	25.0	1.042	918	1006	JUR.	1953
	ROSERAY SAND (VOL UNIT NO. 4)	4.840	15.00	45.60	60.60	0.726	2.207	2.933	2.636	0.297	37.981	460	6.42	26.7	35.8	1.046	913	1006	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	4.393	8.50	6.00	14.50	0.373	0.264	0.637	0.340	0.297	36.472	729	4.50	18.8	25.0	1.053	906	1067	JUR.	1953
	UPPER SHAUNAVON (UNIT NO. 1)	0.323	20.50	0.00	20.50	0.066	0.000	0.066	0.047	0.019	5.494	65	4.57	16.1	25.0	1.111	914	1067	JUR.	1953

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL												
		1000000 m3	%	%	%	1000000 m3	1000000 m3	1000000 m3	1000000 m3	1000000 m3	1000 m3	ha	m	%	%		KG/m3	m		
NORTH PREMIER	UPPER SHAUNAVON (VOL UNIT NO. 4)	4.381	6.80	10.10	16.90	0.298	0.442	0.740	0.551	0.189	18.297	1572	2.80	19.0	45.0	1.050	906	1067	JUR	1953
	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.942	6.00	11.40	17.40	0.056	0.107	0.164	0.154	0.010	2.423	291	3.36	16.9	40.0	1.053	914	1067	JUR	1953
NOTUKEU	UPPER SHAUNAVON	2.541	1.83	0.00	1.83	0.046	0.000	0.046	0.039	0.008	1.079	583	4.58	13.5	25.0	1.064	917	1368	JUR	1969
PENNANT	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.555	20.90	5.70	26.60	0.116	0.032	0.148	0.128	0.020	3.429	375	2.10	16.5	55.0	1.053	928	990	JUR	1965
RANGEVIEW	MADISON	0.810	16.90	0.00	16.90	0.137	0.000	0.137	0.119	0.018	6.694	130	6.75	12.9	25.0	1.047	966	1440	MIS	1994
RANGEVIEW EAST	MADISON	0.817	6.80	0.00	6.80	0.056	0.000	0.056	0.041	0.015	1.079	178	3.99	17.2	30.0	1.047	965	1380	MIS	1994
RAPDAN	UPPER SHAUNAVON (N RAPDAN VOL UNIT)	3.974	3.50	2.72	6.22	0.139	0.108	0.247	0.225	0.022	4.079	497	5.06	17.7	5.0	1.064	914	1402	JUR	1953
	UPPER SHAUNAVON (NON-UNIT)	2.200	1.47	0.00	1.47	0.032	0.000	0.032	0.029	0.003	1.579	453	3.73	16.3	15.0	1.064	919	1402	JUR	1953
	UPPER SHAUNAVON (UNIT)	16.574	6.70	19.35	26.05	1.110	3.207	4.317	3.966	0.352	55.025	3400	5.00	15.0	30.0	1.077	914	1402	JUR	1953
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.111	6.60	15.60	22.20	0.073	0.173	0.247	0.213	0.033	6.572	259	4.14	15.6	28.3	1.080	914	1402	JUR	1953
RAPDAN NORTH	LOWER SHAUNAVON	1.634	1.57	0.00	1.57	0.026	0.000	0.026	0.024	0.002	0.314	194	8.00	14.0	20.0	1.064	920	1465	JUR	1969
RAPDAN SOUTH	UPPER SHAUNAVON	0.882	3.80	0.00	3.80	0.034	0.000	0.034	0.029	0.005	1.555	275	2.88	15.3	20.0	1.099	920	1400	JUR	1984
RAPDAN WEST	SHAUNAVON	6.367	4.48	0.00	4.48	0.285	0.000	0.285	0.274	0.011	5.488	1554	3.45	13.3	5.0	1.064	921	1407	JUR	1955
ROSS LAKE	CANTUAR SAND	1.326	0.82	0.00	0.82	0.011	0.000	0.011	0.010	0.001	1.666	49	12.30	33.0	30.0	1.050	985	1135	CRE	1997
SEWARD	CANTUAR SAND	0.586	4.30	0.00	4.30	0.025	0.000	0.025	0.016	0.010	3.823	162	2.23	26.8	35.0	1.075	933	1010	CRE	1996
	SUCCESS SAND	2.534	3.00	0.00	3.00	0.076	0.000	0.076	0.045	0.031	7.445	259	6.83	23.4	35.0	1.060	930	1025	CRE	1996
SOUTH SUCCESS	ROSERAY SAND (SOUTHWEST UNIT)	2.309	16.40	9.30	25.70	0.379	0.215	0.593	0.512	0.082	17.577	261	5.66	24.0	30.0	1.075	934	975	JUR	1953
	ROSERAY SAND (SUCCESS UNIT)	8.751	13.20	38.40	51.60	1.155	3.360	4.515	4.194	0.321	40.973	748	6.07	27.4	23.4	1.089	914	975	JUR	1953
SUCCESS ALPHA	ROSERAY SAND (ALPHA UNIT)	1.440	14.30	34.60	48.90	0.206	0.498	0.704	0.645	0.059	4.413	176	4.60	24.8	22.9	1.075	920	975	JUR	1953
SUCCESS NORTH	ROSERAY SAND (VOLUNTARY UNIT)	1.038	28.40	40.50	68.90	0.295	0.420	0.715	0.524	0.192	20.087	297	2.39	25.0	37.0	1.077	929	966	JUR	1966
SUFFIELD	BASAL CANTUAR SAND	5.351	6.50	0.00	6.50	0.348	0.000	0.348	0.177	0.171	33.960	291	12.40	24.8	35.0	1.087	927	1060	CRE	1996
	ROSERAY SAND (NON-UNIT)	6.226	5.30	11.00	16.30	0.330	0.685	1.015	0.491	0.524	78.888	421	9.70	24.7	35.0	1.053	920	1035	JUR	1963
	ROSERAY SAND (UNIT NO. 1)	2.870	15.00	36.20	51.20	0.430	1.039	1.469	1.458	0.011	10.077	324	6.20	28.0	45.0	1.078	919	1036	JUR	1954
	ROSERAY SAND (UNIT NO. 3)	2.780	13.00	48.40	61.40	0.361	1.345	1.707	1.608	0.099	21.786	593	2.99	26.0	35.0	1.078	918	1036	JUR	1954
	UPPER SHAUNAVON (NON-UNIT)	3.157	3.98	0.00	3.98	0.126	0.000	0.126	0.107	0.019	6.650	324	7.28	18.4	25.0	1.031	937	1097	JUR	1954
	UPPER SHAUNAVON (UNIT NO. 2)	3.581	7.00	25.10	32.10	0.251	0.899	1.150	0.949	0.200	24.901	777	3.60	17.6	25.0	1.031	914	1097	JUR	1954
	UPPER SHAUNAVON (UNIT NO. 3)	0.805	9.90	27.00	36.90	0.080	0.217	0.297	0.282	0.015	4.530	262	2.28	22.8	36.2	1.080	918	1097	JUR	1954
SUFFIELD WEST	CANTUAR SAND	1.150	4.95	0.00	4.95	0.057	0.000	0.057	0.053	0.004	0.682	65	10.80	26.0	30.0	1.111	917	1033	CRE	1964
VERLO	ROSERAY SAND	0.208	26.50	0.00	26.50	0.055	0.000	0.055	0.007	0.048	4.044	16	7.07	28.0	29.0	1.080	920	963	JUR	1956
	ROSERAY SAND (UNIT)	10.424	3.50	42.50	46.00	0.365	4.430	4.795	3.367	1.428	109.073	801	7.07	28.0	29.0	1.080	920	963	JUR	1956
WEBB	CANTUAR SAND	11.562	4.50	4.00	8.50	0.520	0.462	0.983	0.886	0.097	67.439	1069	6.65	25.0	30.0	1.076	930	1000	CRE	1995
WEBB SOUTH	CANTUAR SAND	1.335	4.00	2.00	6.00	0.053	0.027	0.080	0.064	0.016	5.603	130	6.00	26.3	30.0	1.076	930	1000	CRE	1995
WEBB WEST	CANTUAR SAND	2.251	7.80	0.00	7.80	0.176	0.000	0.176	0.146	0.030	21.139	291	5.80	20.5	30.0	1.076	930	1000	CRE	1996
WHITEMUD	SHAUNAVON	8.391	2.68	0.00	2.68	0.225	0.000	0.225	0.176	0.049	9.581	1036	6.81	16.1	20.0	1.083	924	1432	JUR	1953
	TOTAL AREA 3M	**533.816**				**53.576**	**86.529**	**140.106**	**116.894**	**23.213**	**3,078.459**									
AREA 4L																				
MISCELLANEOUS	ALIDA	6.789	5.30	0.00	5.30	0.360	0.000	0.360	0.216	0.144	36.586	1344	7.70	13.0	35.0	1.288			MIS	
	BAKKEN SAND	5.148	3.80	0.00	3.80	0.196	0.000	0.196	0.160	0.035	8.164	1036	8.20	11.1	34.0	1.209			MIS	

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
MISCELLANEOUS	BIRDBEAR	0.938	5.80	0.00	5.80	0.054	0.000	0.054	0.032	0.022	5.238	259	4.50	12.4	25.0	1.156			DEV	
	DUPEROW	1.635	3.55	0.00	3.55	0.058	0.000	0.058	0.049	0.009	4.396	195	7.00	15.0	0.2	1.250			DEV	
	FROBISHER	26.778	7.40	0.00	7.40	1.982	0.000	1.982	0.680	1.302	174.746	6006	8.00	10.8	34.0	1.279			MIS	
	FROBISHER-ALIDA	5.642	4.40	0.00	4.40	0.248	0.000	0.248	0.123	0.126	15.289	1069	8.20	13.2	35.0	1.333			MIS.	
	KISBEY	0.132	1.60	0.00	1.60	0.002	0.000	0.002	0.001	0.001	0.360	32	4.17	22.5	48.2	1.176			MIS.	
	LOWER WATROUS	0.000	0.00	0.00	0.00	0.000	0.000	0.000	0.001	0.000	0.000	0	4.40	13.1	45.0	1.111			TRI.	
	LOWER WATROUS-ALIDA	0.229	3.60	0.00	3.60	0.008	0.000	0.008	0.008	0.000	0.230	32	10.00	13.6	30.0	1.333			TRI.-MIS	
	MIDALE	8.047	5.00	0.00	5.00	0.402	0.000	0.402	0.256	0.146	27.007	1910	7.20	12.0	35.0	1.333			MIS	
	RED RIVER	32.847	2.30	0.00	2.30	0.755	0.000	0.755	0.433	0.322	71.820	3238	21.40	8.4	32.0	1.205			ORD.	
	SOURIS VALLEY	2.246	2.95	0.00	2.95	0.066	0.000	0.066	0.060	0.006	1.683	324	14.00	11.0	50.0	1.111			MIS.	
	TILSTON	4.728	2.90	0.00	2.90	0.137	0.000	0.137	0.078	0.059	7.869	745	10.40	11.3	40.0	1.111			MIS.	
	TILSTON-SOURIS VALLEY	0.622	1.80	0.00	1.80	0.011	0.000	0.011	0.011	0.000	2.023	65	14.40	12.3	40.0	1.111			MIS.	
	WINNIPEG SANDSTONE	2.060	2.45	0.00	2.45	0.050	0.000	0.050	0.046	0.005	5.076	260	12.00	10.0	25.0	1.136			ORD.	
	WINNIPEGOSIS	33.401	1.39	0.00	1.39	0.464	0.000	0.464	0.387	0.077	22.277	1943	25.60	11.2	19.0	1.351			DEV.	
ALAMEDA	MIDALE (CENTRAL UNIT)	1.162	11.70	29.60	41.30	0.136	0.344	0.480	0.452	0.028	3.614	680	2.53	16.3	43.0	1.376	823	1347	MIS.	1956
	MIDALE (EAST UNIT)	4.848	19.36	42.70	62.06	0.939	2.070	3.009	2.004	1.005	59.096	2363	2.77	17.2	41.0	1.370	826	1347	MIS.	1956
	MIDALE (NON-UNIT)	7.395	3.61	0.00	3.61	0.267	0.000	0.267	0.230	0.037	9.883	1651	9.20	11.5	42.0	1.370	842	1347	MIS	1956
	MIDALE (NORTH UNIT)	1.000	11.90	17.00	28.90	0.119	0.170	0.289	0.284	0.005	1.206	421	3.44	16.6	43.0	1.370	829	1347	MIS.	1956
	MIDALE (SOUTH UNIT)	1.792	13.30	15.50	28.80	0.238	0.278	0.516	0.484	0.032	3.518	906	3.35	14.5	45.0	1.351	829	1347	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 1)	1.135	8.06	1.65	9.71	0.091	0.019	0.110	0.094	0.016	2.352	356	9.06	9.9	51.3	1.370	842	1347	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 2)	0.218	31.10	10.90	42.00	0.068	0.024	0.092	0.066	0.025	1.190	278	1.30	12.5	40.0	1.243	826	1284	MIS.	1983
ALAMEDA EAST	FROBISHER	2.671	5.20	0.00	5.20	0.139	0.000	0.139	0.110	0.029	7.312	567	7.00	13.8	35.0	1.333	858	1275	MIS.	1983
ALAMEDA WEST	FROBISHER	0.569	1.30	0.00	1.30	0.007	0.000	0.007	0.007	0.000	0.759	162	6.00	12.0	35.0	1.333	845	1375	MIS.	1982
	MIDALE (NON-UNIT)	0.187	3.80	0.00	3.80	0.007	0.000	0.007	0.006	0.001	0.469	49	8.00	11.7	45.0	1.351	843	1356	MIS.	1982
	MIDALE (VOLUNTARY UNIT NO. 1)	0.771	5.00	3.07	8.07	0.039	0.024	0.062	0.060	0.002	0.953	181	8.94	11.7	45.0	1.351	843	1356	MIS.	1982
ALIDA EAST	FROBISHER-ALIDA (NON-UNIT)	0.626	7.78	0.00	7.78	0.049	0.000	0.049	0.048	0.001	1.849	97	7.92	16.7	35.0	1.333	824	1122	MIS.	1954
	FROBISHER-ALIDA (UNIT)	11.208	30.80	0.00	30.80	3.452	0.000	3.452	3.144	0.308	106.019	1619	7.99	16.5	30.0	1.333	824	1122	MIS.	1954
ALIDA NORTH	ALIDA	1.724	24.40	0.00	24.40	0.421	0.000	0.421	0.341	0.079	13.718	178	11.90	15.5	30.0	1.333	836	1143	MIS.	1962
ALIDA WEST	FROBISHER-ALIDA	15.375	32.90	0.00	32.90	5.058	0.000	5.058	3.783	1.275	172.086	1554	13.40	13.9	31.0	1.299	836	1143	MIS.	1955
AMULET	RATCLIFFE	1.295	3.10	0.00	3.10	0.040	0.000	0.040	0.026	0.014	1.826	162	6.40	22.2	25.0	1.333	870	1510	MIS.	1976
ARCOLA	FROBISHER-ALIDA	12.712	28.10	0.00	28.10	3.572	0.000	3.572	2.356	1.216	80.030	1538	11.30	15.0	35.0	1.333	854	1199	MIS	1964
ARCOLA NORTH	ALIDA	0.178	8.30	0.00	8.30	0.015	0.000	0.015	0.010	0.005	0.847	65	4.60	12.2	35.0	1.333	854	1296	MIS.	1991
ASHLEY LAKE	TILSTON	0.986	28.40	0.00	28.40	0.280	0.000	0.280	0.098	0.182	10.079	146	5.00	25.0	40.0	1.111	843	1278	MIS	1985
AUBURNTON	FROBISHER-ALIDA	0.150	12.50	0.00	12.50	0.019	0.000	0.019	0.018	0.001	0.396	49	5.10	12.3	35.0	1.333	832	1197	MIS.	1985
BELLEGARDE	TILSTON	2.809	3.23	0.00	3.23	0.091	0.000	0.091	0.076	0.015	2.898	291	13.34	13.4	40.0	1.111	842	1012	MIS.	1988
BEMERSYDE	RED RIVER	1.784	0.74	0.00	0.74	0.013	0.000	0.013	0.012	0.001	1.223	130	26.50	9.6	35.0	1.205	859	2110	ORD.	1997
BENNETT LAKE	ALIDA	0.433	8.40	0.00	8.40	0.036	0.000	0.036	0.032	0.004	2.359	259	4.50	6.1	35.0	1.067	860	1323	MIS.	1986
BENSON	FROBISHER	2.870	5.34	0.00	5.34	0.153	0.000	0.153	0.151	0.002	2.755	421	12.30	8.9	30.0	1.124	832	1197	MIS.	1985
BIENFAIT	MIDALE	2.357	18.05	0.00	18.05	0.425	0.000	0.425	0.405	0.020	8.856	389	12.60	8.7	35.0	1.176	852	1589	MIS	1980
BROMHEAD EAST	RED RIVER	0.550	12.40	0.00	12.40	0.068	0.000	0.068	0.030	0.038	4.401	97	27.00	3.8	35.0	1.176	856	2851	ORD.	1980

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
BROWNING	FROBISHER-ALIDA	3.866	18.70	0.00	18.70	0.723	0.000	0.723	0.705	0.018	10.545	631	12.20	10.3	35.0	1.333	853	1280	MIS	1957
BROWNING NORTH	FROBISHER-ALIDA	0.322	33.00	0.00	33.00	0.106	0.000	0.106	0.096	0.010	7.662	356	2.34	7.0	35.0	1.176	855	1263	MIS	1985
BROWNING SOUTH	FROBISHER	4.786	19.30	0.00	19.30	0.924	0.000	0.924	0.278	0.646	88.426	842	9.40	12.4	35.0	1.333	870	1310	MIS	1998
BUFFALO HEAD	FROBISHER-ALIDA	3.052	17.20	0.00	17.20	0.525	0.000	0.525	0.509	0.016	12.272	907	5.75	12.0	35.0	1.333	854	1207	MIS	1993
CANTAL	FROBISHER-ALIDA (NON-UNIT)	6.091	15.70	0.00	15.70	0.956	0.000	0.956	0.809	0.147	41.035	923	10.10	13.4	35.0	1.333	834	1196	MIS	1956
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.185	49.60	0.00	49.60	0.092	0.000	0.092	0.068	0.023	2.888	97	5.90	6.9	35.0	1.389	823	1196	MIS	1956
CANTAL SOUTH	FROBISHER-ALIDA	4.325	24.00	0.00	24.00	1.038	0.000	1.038	0.914	0.124	23.646	988	13.40	6.7	35.0	1.333	828	1135	MIS	1956
CARLYLE	ALIDA	0.461	6.85	0.00	6.85	0.032	0.000	0.032	0.022	0.009	4.932	97	6.50	15.0	35.0	1.333	850	1180	MIS	1966
CARLYLE SOUTH	LOWER WATROUS	1.137	2.27	0.00	2.27	0.026	0.000	0.026	0.023	0.003	1.214	259	6.00	15.0	35.0	1.333	852	1140	TRI	1992
CARNDUFF	FROBISHER	10.529	8.44	0.00	8.44	0.889	0.000	0.889	0.856	0.033	18.903	1975	8.22	13.3	35.0	1.333	854	1298	MIS	1956
	MIDALE (EAST UNIT)	8.421	15.00	21.40	36.40	1.263	1.802	3.065	3.009	0.057	13.267	5568	2.00	14.4	30.0	1.333	844	1280	MIS	1955
	MIDALE (NON-UNIT)	2.165	7.50	3.69	11.19	0.162	0.080	0.242	0.230	0.012	3.482	680	6.40	10.2	35.0	1.333	835	1280	MIS	1955
	MIDALE (SOUTH VOLUNTARY UNIT)	1.089	10.39	0.00	10.39	0.113	0.000	0.113	0.112	0.001	0.534	680	2.50	12.2	30.0	1.333	839	1280	MIS	1955
	MIDALE (VOLUNTARY UNIT NO. 1)	0.433	14.20	32.50	46.70	0.062	0.141	0.202	0.145	0.058	4.528	223	2.70	13.7	30.0	1.333	837	1280	MIS	1955
	MIDALE (VOLUNTARY UNIT NO. 2)	0.288	11.00	12.00	23.00	0.032	0.035	0.066	0.050	0.017	1.990	160	3.43	10.0	30.0	1.333	837	1216	MIS	1984
	MIDALE (VOLUNTARY UNIT NO. 3)	0.301	15.04	1.38	16.42	0.045	0.004	0.049	0.047	0.002	0.780	86	4.94	13.5	30.0	1.333	845	1218	MIS	1963
	MIDALE (WEST UNIT)	3.421	13.00	33.70	46.70	0.445	1.153	1.597	1.544	0.054	11.732	2104	2.40	12.9	30.0	1.333	844	1280	MIS	1955
CEYLON	BAKKEN SAND	2.512	0.91	0.00	0.91	0.023	0.000	0.023	0.016	0.007	0.937	162	22.00	10.0	25.0	1.064	825	1953	MIS	1992
CLARILAW	FROBISHER-ALIDA	0.987	30.20	0.00	30.20	0.298	0.000	0.298	0.259	0.039	8.338	405	4.27	11.7	35.0	1.333	858	1231	MIS	1963
CLARILAW EAST	FROBISHER-ALIDA	1.059	25.50	0.00	25.50	0.270	0.000	0.270	0.055	0.215	28.985	291	7.00	10.0	35.0	1.250	860	1215	MIS	1996
CLARILAW WEST	FROBISHER-ALIDA (KISBEY VOL UNIT)	0.672	30.40	0.00	30.40	0.204	0.000	0.204	0.191	0.014	2.338	210	5.40	11.4	35.0	1.250	843	1234	MIS	1963
	FROBISHER-ALIDA (NON-UNIT)	0.484	8.21	0.00	8.21	0.040	0.000	0.040	0.037	0.003	1.219	113	8.50	9.7	35.0	1.250	843	1234	MIS	1963
CRYSTAL HILL	SOURIS VALLEY	0.895	12.30	0.00	12.30	0.110	0.000	0.110	0.108	0.002	1.148	291	6.19	9.2	40.0	1.111	861	1113	MIS	1966
DALESBORO	FROBISHER-ALIDA	0.216	18.30	0.00	18.30	0.040	0.000	0.040	0.039	0.001	0.451	81	4.88	11.2	35.0	1.333	853	1262	MIS	1966
DALESBORO NORTH	FROBISHER-ALIDA	0.406	2.72	0.00	2.72	0.011	0.000	0.011	0.011	0.000	0.178	65	8.10	13.7	25.0	1.333	844	1254	MIS	1957
EDENVALE	TILSTON	4.813	14.80	0.00	14.80	0.712	0.000	0.712	0.524	0.189	20.256	842	7.30	14.5	40.0	1.111	853	1126	MIS	1963
EDENVALE NORTH	TILSTON	0.272	6.81	0.00	6.81	0.019	0.000	0.019	0.018	0.001	0.325	97	4.00	13.0	40.0	1.111	850	1125	MIS	1985
ELMORE	FROBISHER (NON-UNIT)	1.169	7.00	0.00	7.00	0.082	0.000	0.082	0.076	0.006	3.952	259	9.00	10.6	45.0	1.163	875	1219	MIS	1961
	FROBISHER (VOLUNTARY UNIT)	5.019	28.40	14.60	43.00	1.425	0.733	2.158	2.045	0.113	15.794	874	7.00	15.9	40.0	1.163	871	1219	MIS	1961
	MIDALE	0.292	26.68	0.00	26.68	0.078	0.000	0.078	0.076	0.002	0.483	194	2.71	11.4	35.0	1.333	841	1204	MIS	1961
FERTILE	TILSTON	0.265	7.54	0.00	7.54	0.020	0.000	0.020	0.020	0.000	0.264	49	6.87	14.6	40.0	1.111	860	953	MIS	1983
	TILSTON-SOURIS VALLEY	0.369	4.46	0.00	4.46	0.016	0.000	0.016	0.011	0.005	0.181	65	9.15	11.5	40.0	1.111	860	953	MIS	1956
FLAT LAKE	RATCLIFFE (NON-UNIT)	0.265	10.70	0.00	10.70	0.028	0.000	0.028	0.023	0.005	1.252	65	8.00	9.8	35.0	1.250	848	1956	MIS	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	8.172	10.00	17.42	27.42	0.817	1.424	2.241	2.109	0.131	21.871	2428	5.64	14.1	49.0	1.205	865	1956	MIS	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 2)	1.067	4.70	2.20	6.90	0.050	0.023	0.074	0.053	0.020	2.077	259	6.60	15.3	49.0	1.250	850	1956	MIS	1965
FLORENCE	FROBISHER	2.518	9.20	0.00	9.20	0.232	0.000	0.232	0.175	0.057	17.704	583	7.03	12.6	35.0	1.333	843	1290	MIS	1965
FLORENCE SOUTH	FROBISHER	0.753	10.40	0.00	10.40	0.078	0.000	0.078	0.027	0.051	15.512	259	8.40	7.1	35.0	1.333	860	1365	MIS	1995
	MIDALE	0.095	13.30	0.00	13.30	0.013	0.000	0.013	0.003	0.010	3.030	65	3.00	10.0	35.0	1.333	832	1330	MIS	2001
FREDA LAKE	RATCLIFFE (NON-UNIT)	2.300	8.50	4.20	12.70	0.196	0.097	0.292	0.167	0.125	6.378	372	5.30	21.7	40.0	1.116	870	1694	MIS	1967
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	7.506	11.50	8.80	20.30	0.863	0.661	1.524	0.985	0.538	29.964	2720	2.30	23.7	43.5	1.116	870	1290	MIS	1965

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM.	ESTIMATED RECOVERY ENHAN.	ESTIMATED RECOVERY TOTAL	INITIAL RESERVES PRIM.	INITIAL RESERVES ENHAN.	INITIAL RESERVES TOTAL	TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
			%			1000000 m3								%						
FROUDE	RED RIVER	1.434	25.50	0.00	25.50	0.366	0.000	0.366	0.176	0.189	19.123	130	23.00	7.7	25.0	1.204	839	2400	ORD.	1997
FRYS	TILSTON-SOURIS VALLEY	5.496	7.39	0.00	7.39	0.406	0.000	0.406	0.301	0.105	18.274	615	12.73	13.0	40.0	1.111	846	974	MIS.	1958
FRYS EAST	TILSTON-SOURIS VALLEY	2.609	3.27	0.00	3.27	0.085	0.000	0.085	0.084	0.001	7.903	275	14.40	12.2	40.0	1.111	846	974	MIS.	1984
GAINSBOROUGH	FROBISHER-ALIDA (NON-UNIT)	14.115	13.00	0.00	13.00	1.835	0.000	1.835	1.223	0.612	106.198	2445	9.20	10.3	30.0	1.149	865	1072	MIS.	1956
	FROBISHER-ALIDA (VOLUNTARY UNIT)	1.090	10.80	7.15	17.95	0.118	0.078	0.196	0.183	0.013	3.333	243	6.40	11.5	30.0	1.149	858	1072	MIS.	1956
GAINSBOROUGH NORTH	FROBISHER-ALIDA	6.332	19.55	0.00	19.55	1.238	0.000	1.238	1.164	0.074	19.894	879	9.33	12.1	30.0	1.097	865	1077	MIS.	1987
GAINSBOROUGH WEST	FROBISHER (VOLUNTARY UNIT NO. 1)	0.699	9.39	0.00	9.39	0.066	0.000	0.066	0.063	0.002	0.725	162	6.90	10.0	30.0	1.120	854	1115	MIS.	1964
GLEN EWEN	FROBISHER	2.707	13.25	0.38	13.63	0.359	0.010	0.369	0.319	0.050	15.854	534	9.90	10.5	35.0	1.333	818	1304	MIS.	1954
	MIDALE (NON-UNIT)	0.478	3.20	0.00	3.20	0.015	0.000	0.015	0.014	0.001	0.465	146	4.80	14.0	35.0	1.333	826	1280	MIS.	1954
	MIDALE (UNIT)	5.989	13.00	5.65	18.65	0.779	0.338	1.117	1.109	0.008	3.909	4209	2.13	13.7	35.0	1.333	828	1280	MIS.	1954
GLEN EWEN NORTH	FROBISHER	1.567	8.80	0.00	8.80	0.138	0.000	0.138	0.076	0.062	38.243	259	9.50	12.9	35.0	1.317	820	1275	MIS.	1991
HARDY SOUTH	RED RIVER	6.067	1.65	0.00	1.65	0.100	0.000	0.100	0.081	0.019	29.402	389	21.50	12.4	35.0	1.111	845	2734	ORD.	2000
HARTAVEN	RED RIVER	2.370	1.94	0.00	1.94	0.046	0.000	0.046	0.041	0.005	2.435	194	29.30	6.7	25.0	1.205	807	2312	ORD	1997
	WINNIPEG SAND	1.504	3.22	0.00	3.22	0.048	0.000	0.048	0.046	0.002	1.136	130	18.40	8.7	15.0	1.176	760	2415	ORD.	1997
HASTINGS	FROBISHER (NON-UNIT)	16.137	17.90	0.00	17.90	2.889	0.000	2.889	2.726	0.163	38.253	3360	9.70	11.0	40.0	1.333	842	1200	MIS.	1955
	FROBISHER (UNIT)	2.370	28.60	6.60	35.20	0.678	0.156	0.834	0.768	0.066	5.368	502	6.49	14.8	37.0	1.282	833	1200	MIS.	1955
	FROBISHER (VOLUNTARY UNIT NO. 1)	4.702	17.50	9.77	27.27	0.823	0.459	1.282	1.236	0.046	8.232	1105	6.37	13.7	35.0	1.333	840	1200	MIS	1955
	FROBISHER (VOLUNTARY UNIT NO. 2)	5.705	11.00	3.33	14.33	0.628	0.190	0.817	0.816	0.001	0.467	971	6.10	19.6	37.0	1.282	843	1200	MIS.	1955
HASTINGS EAST	FROBISHER	4.256	20.75	0.00	20.75	0.883	0.000	0.883	0.797	0.086	18.715	1214	8.17	8.8	35.0	1.333	837	1147	MIS.	1956
HASTINGS NORTH	FROBISHER	0.428	3.90	0.00	3.90	0.017	0.000	0.017	0.007	0.010	3.875	113	4.00	19.4	35.0	1.333	845	1175	MIS.	1997
HASTINGS WEST	FROBISHER	1.100	15.60	0.00	15.60	0.172	0.000	0.172	0.153	0.018	4.855	389	5.47	10.6	35.0	1.333	837	1147	MIS.	1963
HAZELWOOD	TILSTON	4.777	15.40	0.00	15.40	0.736	0.000	0.736	0.675	0.061	19.018	631	10.62	13.2	40.0	1.111	848	1174	MIS.	1963
HAZELWOOD CENTRAL	TILSTON	6.000	8.00	0.00	8.00	0.480	0.000	0.480	0.391	0.089	19.591	890	8.98	13.9	40.0	1.111	864	1203	MIS.	1989
HITCHCOCK	WINNIPEGOSIS	8.109	2.28	0.00	2.28	0.185	0.000	0.185	0.181	0.004	2.031	421	31.83	10.9	25.0	1.351	863	2485	DEV.	1988
HOFFER	RATCLIFFE	1.589	21.20	0.00	21.20	0.337	0.000	0.337	0.296	0.041	7.040	421	6.60	11.0	35.0	1.250	878	1931	MIS.	1964
HUME	FROBISHER	3.235	14.46	0.00	14.46	0.468	0.000	0.468	0.446	0.021	10.593	793	8.84	8.0	35.0	1.124	883	1350	MIS.	1967
HUMMINGBIRD	BAKKEN (VOLUNTARY UNIT NO. 1)	0.525	24.00	4.10	28.10	0.126	0.022	0.147	0.132	0.015	3.915	162	4.94	9.3	25.0	1.064	825	2226	MIS.	1966
	BIRDBEAR (VOLUNTARY UNIT NO. 1)	1.167	49.60	0.00	49.60	0.579	0.000	0.579	0.546	0.033	4.798	209	9.05	10.3	28.7	1.190	830	2326	DEV.	1966
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	4.118	12.00	17.20	29.20	0.494	0.708	1.202	0.958	0.244	28.662	442	10.71	14.0	30.6	1.117	870	1890	MIS	1966
HUMMINGBIRD SOUTH	BAKKEN SAND	0.262	11.94	0.00	11.94	0.031	0.000	0.031	0.027	0.004	1.205	32	15.50	9.4	25.0	1.333	825	2265	MIS.	1968
	RATCLIFFE	1.817	15.70	0.00	15.70	0.285	0.000	0.285	0.242	0.043	6.045	113	22.60	12.3	35.0	1.124	870	1925	MIS.	1967
INGOLDSBY	FROBISHER-ALIDA (NON-UNIT)	12.906	18.80	0.00	18.80	2.426	0.000	2.426	1.437	0.989	109.924	1704	11.10	11.2	30.0	1.149	850	1089	MIS.	1955
	FROBISHER-ALIDA (VOLUNTARY UNIT)	6.242	54.50	0.00	54.50	3.402	0.000	3.402	3.066	0.336	77.772	907	8.69	13.0	30.0	1.149	865	1089	MIS.	1955
INGOLDSBY EAST	ALIDA	4.180	8.80	0.00	8.80	0.368	0.000	0.368	0.296	0.072	20.153	502	10.30	12.8	28.0	1.140	863	1060	MIS.	1985
INGOLDSBY NORTH	ALIDA (NON-UNIT)	0.375	1.84	0.00	1.84	0.007	0.000	0.007	0.006	0.001	0.401	65	6.00	17.0	35.0	1.150	860	1088	MIS	1964
	ALIDA (VOLUNTARY UNIT NO. 1)	0.980	3.54	0.00	3.54	0.035	0.000	0.035	0.033	0.001	0.277	204	5.00	17.0	35.0	1.150	860	1088	MIS.	1964
INGOLDSBY WEST	FROBISHER-ALIDA (NON-UNIT)	0.178	3.70	0.00	3.70	0.007	0.000	0.007	0.007	0.000	0.000	32	10.90	8.1	30.0	1.111	850	1096	MIS	1986
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.440	22.80	0.00	22.80	0.100	0.000	0.100	0.100	0.000	0.000	121	6.97	10.0	40.0	1.150	850	1096	MIS.	1986
KENOSEE	TILSTON (VOLUNTARY UNIT)	5.524	44.60	0.00	44.60	2.464	0.000	2.464	2.366	0.098	14.620	1328	5.00	16.0	35.0	1.250	848	1196	MIS	1958
KISBEY	BIRDBEAR	1.760	21.20	0.00	21.20	0.373	0.000	0.373	0.351	0.022	8.638	275	8.46	12.0	25.0	1.190	845	1626	DEV.	1968

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
KISBEY	FROBISHER-ALIDA	8.331	17.50	0.00	17.50	1.458	0.000	1.458	1.415	0.042	31.217	939	11.80	12.7	26.0	1.250	840	1195	MIS	1985
KISBEY SOUTH	FROBISHER-ALIDA (NON-UNIT)	0.399	16.60	0.00	16.60	0.066	0.000	0.066	0.017	0.049	4.065	81	6.00	14.0	26.0	1.263	840	1260	MIS	1994
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.548	31.80	0.00	31.80	0.174	0.000	0.174	0.072	0.103	14.905	130	6.00	12.0	26.0	1.263	840	1260	MIS	1994
LIGHTNING	TILSTON	3.768	4.60	0.00	4.60	0.173	0.000	0.173	0.162	0.012	5.280	502	9.72	14.3	40.0	1.111	843	1058	MIS	1957
LIGHTNING SOUTH	TILSTON	0.393	2.87	0.00	2.87	0.011	0.000	0.011	0.010	0.001	0.435	65	7.00	16.0	40.0	1.111	850	1098	MIS	1994
MACOUN	WINNIPEGOSIS (NON-UNIT)	6.343	3.46	0.55	4.01	0.219	0.035	0.254	0.244	0.011	5.674	324	31.10	10.5	19.0	1.351	827	2420	DEV	1990
	WINNIPEGOSIS (SOUTH VOL. UNIT NO. 1)	0.915	19.13	18.90	38.03	0.175	0.173	0.348	0.331	0.017	6.999	89	11.83	14.5	19.0	1.351	827	2405	DEV	1990
MACOUN NORTH	WINNIPEGOSIS	8.878	2.63	0.00	2.63	0.233	0.000	0.233	0.230	0.003	2.589	356	36.17	11.5	19.0	1.351	828	2387	DEV	1988
MANOR	LOWER WATROUS-ALIDA	13.754	9.50	0.00	9.50	1.307	0.000	1.307	1.032	0.274	41.069	3918	4.00	15.0	35.0	1.111	842	1180	TRI -MIS	1987
	LOWER WATROUS-ALIDA (VOL UNIT NO. 1)	1.504	21.30	10.90	32.20	0.320	0.164	0.484	0.293	0.192	10.149	324	4.20	20.0	35.0	1.176	842	1180	TRI -MIS	1993
MANOR NORTH	LOWER WATROUS	0.093	11.30	0.00	11.30	0.010	0.000	0.010	0.010	0.000	0.287	97	1.00	15.0	30.0	1.100	842	1179	TRI	1990
MANSUR	RED RIVER	4.634	7.40	0.00	7.40	0.343	0.000	0.343	0.153	0.190	28.150	453	23.80	6.9	25.0	1.204	865	2435	ORD	1997
MIDALE	RED RIVER (NON-UNIT)	3.496	1.84	0.00	1.84	0.064	0.000	0.064	0.061	0.004	2.496	389	19.00	7.6	25.0	1.205	860	2575	ORD	1995
	RED RIVER (VOLUNTARY UNIT NO. 1)	4.561	5.10	0.00	5.10	0.233	0.000	0.233	0.199	0.034	7.852	447	23.80	6.9	26.0	1.191	860	2575	ORD	1995
MIDALE SOUTH	RED RIVER	3.778	5.20	0.00	5.20	0.196	0.000	0.196	0.185	0.011	14.936	453	23.10	5.8	25.0	1.205	860	2615	ORD	1996
MIDALE WEST	RED RIVER	2.373	8.90	0.00	8.90	0.211	0.000	0.211	0.172	0.039	6.356	324	18.10	6.5	25.0	1.205	860	2600	ORD	1996
MINARD SOUTH	FROBISHER	1.592	6.50	0.00	6.50	0.103	0.000	0.103	0.044	0.060	7.443	291	10.20	11.0	35.0	1.333	873	1382	MIS	1961
MINTON	RED RIVER	1.990	9.10	0.00	9.10	0.181	0.000	0.181	0.147	0.034	1.933	324	10.00	10.5	35.0	1.111	827	2855	ORD	1989
	WINNIPEGOSIS	1.336	13.20	0.00	13.20	0.176	0.000	0.176	0.156	0.020	7.696	324	9.17	7.5	19.0	1.351	850	2610	DEV	1976
MOOSE MOUNTAIN	TILSTON (NON-UNIT)	11.665	13.30	0.00	13.30	1.551	0.000	1.551	1.416	0.135	52.634	1133	14.30	12.9	40.0	1.075	864	1188	MIS	1960
	TILSTON (VOLUNTARY UNIT NO. 1)	0.208	20.20	0.00	20.20	0.042	0.000	0.042	0.035	0.007	1.717	65	5.50	13.0	52.0	1.075	864	1213	MIS	1960
MORRISVIEW	FROBISHER-ALIDA	0.989	25.60	0.00	25.60	0.253	0.000	0.253	0.245	0.008	3.218	308	4.54	13.6	35.0	1.250	843	1266	MIS	1967
MORRISVIEW SOUTH	FROBISHER-ALIDA	0.726	7.10	0.00	7.10	0.052	0.000	0.052	0.046	0.005	1.840	291	4.00	12.0	35.0	1.250	843	1287	MIS	1994
MORRISVIEW WEST	FROBISHER-ALIDA	0.462	8.40	0.00	8.40	0.039	0.000	0.039	0.035	0.004	1.897	227	4.35	9.0	35.0	1.250	843	1266	MIS	1992
NORTH ANTLER	MIDALE (VOLUNTARY UNIT NO. 1)	0.757	8.00	3.00	11.00	0.061	0.023	0.083	0.084	0.000	0.000	233	5.46	12.2	35.0	1.333	827	1152	MIS	1965
NORTH PORTAL	MIDALE	0.419	10.50	0.00	10.50	0.044	0.000	0.044	0.038	0.006	1.580	210	4.70	8.7	35.0	1.333	834	1620	MIS	1988
NORTHGATE	FROBISHER	0.996	13.10	0.00	13.10	0.130	0.000	0.130	0.119	0.011	6.568	308	8.50	7.8	35.0	1.333	843	1585	MIS	1963
	MIDALE (NON-UNIT)	0.036	23.90	0.00	23.90	0.009	0.000	0.009	0.009	0.000	0.000	16	3.84	14.3	45.0	1.333	837	1575	MIS	1963
	MIDALE (VOLUNTARY UNIT)	3.217	8.70	2.45	11.15	0.280	0.079	0.359	0.325	0.034	4.305	1456	4.84	15.6	55.0	1.538	836	1575	MIS	1963
NORTHGATE EAST	FROBISHER	0.153	0.49	0.00	0.49	0.001	0.000	0.001	0.001	0.000	0.010	65	5.61	8.6	35.0	1.333	843	1525	MIS	1994
NOTTINGHAM	ALIDA (NORTH ALIDA BEDS UNIT)	9.423	38.40	0.00	38.40	3.619	0.000	3.619	2.990	0.629	114.392	1182	9.14	16.9	31.2	1.333	839	1066	MIS	1956
NOTTINGHAM EAST	TILSTON	1.699	3.41	0.00	3.41	0.058	0.000	0.058	0.050	0.008	2.194	243	9.47	16.4	40.0	1.333	829	1100	MIS	1961
NOTTINGHAM NORTH	TILSTON	2.331	7.60	0.00	7.60	0.177	0.000	0.177	0.114	0.063	15.489	340	8.94	14.2	40.0	1.111	829	1070	MIS	1992
NOTTINGHAM SOUTH	FROBISHER-ALIDA	6.430	31.30	0.00	31.30	2.013	0.000	2.013	1.289	0.724	66.561	1101	7.30	15.5	31.2	1.333	846	1066	MIS	1956
OAKLEY	FROBISHER	2.196	27.80	0.00	27.80	0.610	0.000	0.610	0.347	0.264	141.921	777	8.60	7.3	40.0	1.333	841	1196	MIS	1955
OPENSHAW	FROBISHER	0.048	9.50	0.00	9.50	0.005	0.000	0.005	0.003	0.002	1.811	64	2.00	9.0	45.0	1.333	848	1468	MIS	1993
OUNGRE	RATCLIFFE (NON-UNIT)	2.479	17.50	0.00	17.50	0.434	0.000	0.434	0.325	0.109	11.179	793	3.30	18.0	35.0	1.235	878	1828	MIS	1959
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	14.470	10.00	5.90	15.90	1.447	0.854	2.301	1.836	0.465	43.085	2784	6.52	17.9	45.0	1.235	878	1828	MIS	1959
OXBOW	FROBISHER	0.109	5.10	0.00	5.10	0.006	0.000	0.006	0.006	0.000	0.000	32	6.23	11.2	35.0	1.333	845	1310	MIS	1957
PARKMAN	SOURIS VALLEY (NON-UNIT)	0.265	6.80	0.00	6.80	0.018	0.000	0.018	0.018	0.000	0.000	65	8.80	10.3	50.0	1.111	871	1188	MIS	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
PARKMAN	SOURIS VALLEY (VOLUNTARY UNIT NO. 1)	2.493	18.90	0.00	18.90	0.471	0.000	0.471	0.399	0.072	20.784	939	5.90	10.0	50.0	1.111	871	1188	MIS	1964
	TILSTON	5.496	14.70	0.00	14.70	0.808	0.000	0.808	0.684	0.124	50.519	777	11.10	11.8	40.0	1.111	870	1060	MIS	1958
	TILSTON-SOURIS VALLEY	36.591	19.00	0.00	19.00	6.952	0.000	6.952	6.297	0.655	207.143	3837	16.20	10.9	40.0	1.111	862	1097	MIS	1959
PARKMAN SOUTH	TILSTON-SOURIS VALLEY (NON-UNIT)	0.930	7.70	0.00	7.70	0.072	0.000	0.072	0.058	0.014	6.218	146	8.80	13.4	40.0	1.111	841	1096	MIS	1969
	TILSTON-SOURIS VALLEY (VOL. UNIT)	2.038	11.86	0.00	11.86	0.242	0.000	0.242	0.234	0.008	3.717	178	14.72	14.4	40.0	1.111	841	1096	MIS	1969
PINTO	FROBISHER	1.225	42.30	0.00	42.30	0.518	0.000	0.518	0.503	0.015	3.791	712	4.30	9.7	45.0	1.333	848	1631	MIS	1957
	MIDALE (NON-UNIT)	15.073	4.31	0.00	4.31	0.650	0.000	0.650	0.635	0.014	7.290	2752	10.40	10.8	35.0	1.333	834	1615	MIS	1957
	MIDALE (SOUTH PINTO UNIT)	5.030	10.50	3.68	14.18	0.528	0.185	0.713	0.694	0.020	2.809	2525	4.40	12.9	45.0	1.567	873	1615	MIS	1957
	MIDALE (VOLUNTARY UNIT NO. 2)	1.529	17.60	0.00	17.60	0.269	0.000	0.269	0.223	0.046	6.331	1780	2.50	9.1	42.0	1.536	830	1615	MIS	1957
PINTO EAST	MIDALE	0.256	2.33	0.00	2.33	0.006	0.000	0.006	0.006	0.000	0.000	32	10.40	15.8	35.0	1.333	834	1540	MIS	1974
QUEENSDALE EAST	FROBISHER-ALIDA (NON-UNIT)	24.207	44.10	0.00	44.10	10.675	0.000	10.675	7.067	3.609	204.939	3532	10.00	12.4	35.0	1.176	850	1173	MIS	1956
	FROBISHER-ALIDA (NORTH CANTAL UNIT)	2.322	48.70	0.00	48.70	1.131	0.000	1.131	1.070	0.061	5.677	437	10.80	8.9	35.0	1.176	843	1173	MIS	1956
QUEENSDALE NORTH	ALIDA	3.789	22.60	0.00	22.60	0.856	0.000	0.856	0.537	0.319	39.282	729	6.50	16.4	35.0	1.333	851	1174	MIS	1959
QUEENSDALE WEST	ALIDA	3.495	27.90	0.00	27.90	0.975	0.000	0.975	0.917	0.058	9.040	615	10.50	11.1	35.0	1.333	859	1204	MIS	1956
RALPH	MIDALE (VOLUNTARY UNIT)	1.041	14.20	10.20	24.40	0.148	0.106	0.254	0.201	0.053	6.488	680	3.90	10.0	55.9	1.124	863	1315	MIS	1973
RALPH WEST	MIDALE (NON-UNIT)	1.890	7.40	0.00	7.40	0.140	0.000	0.140	0.126	0.014	3.819	486	8.06	12.3	55.9	1.124	860	1295	MIS	1988
	MIDALE (VOLUNTARY UNIT NO. 1)	0.300	24.00	3.90	27.90	0.072	0.012	0.084	0.066	0.017	2.136	298	2.20	10.8	52.4	1.124	860	1295	MIS	1985
REDVERS	TILSTON	0.416	0.20	0.00	0.20	0.001	0.000	0.001	0.001	0.000	0.000	65	8.00	14.8	40.0	1.111	852	1034	MIS	1994
ROCANVILLE	BAKKEN SAND (NON-UNIT)	0.896	12.00	0.00	12.00	0.107	0.000	0.107	0.102	0.006	1.957	162	6.00	18.9	35.0	1.333	843	715	MIS	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	1.609	22.75	7.10	29.85	0.366	0.114	0.480	0.374	0.106	8.509	227	5.30	21.6	35.0	1.050	843	715	MIS	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 2)	1.113	17.00	0.00	17.00	0.189	0.000	0.189	0.159	0.030	18.449	391	1.95	22.8	35.0	1.015	843	715	MIS	1957
RONCOTT	BAKKEN SAND	1.655	8.12	0.00	8.12	0.134	0.000	0.134	0.120	0.014	1.535	356	4.54	14.5	25.0	1.064	823	1822	MIS	1956
ROSEBANK	ALIDA (NON-UNIT)	10.127	22.00	0.00	22.00	2.228	0.000	2.228	2.013	0.215	59.663	923	15.30	15.1	37.5	1.316	841	1067	MIS	1955
	ALIDA (VOLUNTARY UNIT NO. 1)	8.732	52.30	0.00	52.30	4.567	0.000	4.567	4.112	0.455	64.970	971	13.70	12.5	30.0	1.333	828	1067	MIS	1955
ROSEBANK SOUTH	ALIDA (NON-UNIT)	3.704	18.80	0.00	18.80	0.696	0.000	0.696	0.571	0.125	20.609	648	9.20	12.1	35.0	1.266	864	1074	MIS	1954
	ALIDA (VOLUNTARY UNIT NO. 1)	0.641	18.82	0.00	18.82	0.121	0.000	0.121	0.106	0.014	3.872	130	8.00	12.0	35.0	1.266	864	1074	MIS	1955
SERVICE	TILSTON	0.512	2.00	0.00	2.00	0.010	0.000	0.010	0.010	0.000	0.000	81	6.00	18.0	35.0	1.111	845	1130	MIS	1994
SHERWOOD	FROBISHER	4.375	47.40	0.00	47.40	2.074	0.000	2.074	1.980	0.093	12.869	389	15.60	12.9	35.0	1.163	880	1240	MIS	1963
SILVERTON	FROBISHER	2.981	14.70	0.00	14.70	0.438	0.000	0.438	0.366	0.073	18.506	729	15.40	5.9	40.0	1.333	854	1204	MIS	1956
SILVERTON NORTH	FROBISHER	1.421	23.70	0.00	23.70	0.337	0.000	0.337	0.300	0.037	8.059	421	12.50	6.0	40.0	1.333	854	1120	MIS	1964
SKINNER LAKE	RATCLIFFE	4.939	13.60	0.00	13.60	0.672	0.000	0.672	0.473	0.198	11.857	1101	4.60	19.7	45.0	1.111	864	1723	MIS	1969
SOURIS FLAT	FROBISHER	2.191	35.40	0.00	35.40	0.776	0.000	0.776	0.725	0.051	5.948	453	8.00	12.4	35.0	1.333	861	1334	MIS	1965
SOURIS FLAT SOUTH	FROBISHER	0.741	11.95	0.00	11.95	0.088	0.000	0.088	0.085	0.003	0.919	113	12.80	10.5	35.0	1.333	861	1392	MIS	1991
SOUTH FLETWODE	TILSTON	1.894	32.15	0.00	32.15	0.609	0.000	0.609	0.568	0.041	7.953	389	7.10	12.7	40.0	1.111	859	1143	MIS	1961
STAR VALLEY	FROBISHER-ALIDA	7.513	53.40	0.00	53.40	4.012	0.000	4.012	2.801	1.211	113.144	793	12.00	15.0	35.0	1.235	862	1162	MIS	1960
STAR VALLEY SOUTH	FROBISHER-ALIDA	0.827	6.40	0.00	6.40	0.053	0.000	0.053	0.043	0.010	3.141	194	7.50	10.8	35.0	1.235	874	1183	MIS	1984
STEELMAN	FROBISHER (DOUGLASTON UNIT)	0.850	26.95	0.00	26.95	0.229	0.000	0.229	0.221	0.008	1.640	227	7.60	10.1	35.0	1.333	848	1409	MIS	1954
	FROBISHER (NON-UNIT)	24.369	10.40	0.00	10.40	2.534	0.000	2.534	2.108	0.426	72.796	4776	9.60	10.9	35.0	1.333	849	1409	MIS	1954
	FROBISHER (VOLUNTARY UNIT NO. 1)	0.907	31.68	0.00	31.68	0.287	0.000	0.287	0.282	0.005	0.729	363	5.88	9.2	35.0	1.408	833	1409	MIS	1954
	FROBISHER (VOLUNTARY UNIT NO. 2)	0.548	52.08	0.00	52.08	0.286	0.000	0.286	0.286	0.000	0.000	259	4.57	9.5	35.0	1.333	833	1409	MIS	1954

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM. %	ENHAN. %	TOTAL %	PRIM. 1000000 m3	ENHAN. 1000000 m3	TOTAL 1000000 m3	1000000 m3	1000000 m3	1000 m3	ha	m	%	%		KG/m3	m		
STEELMAN	FROBISHER (VOLUNTARY UNIT NO. 8)	1.237	8.50	4.20	12.70	0.105	0.052	0.157	0.120	0.037	7.465	288	3.60	26.6	40.0	1.338	833	1409	MIS	1954
	MIDALE (DOUGLASTON UNIT)	2.255	12.30	14.45	26.75	0.277	0.326	0.603	0.588	0.015	4.356	745	4.20	15.4	35.0	1.389	834	1399	MIS	1954
	MIDALE (LAMPMAN UNIT)	0.934	13.00	14.80	27.80	0.121	0.138	0.260	0.252	0.007	1.259	437	2.32	18.6	31.2	1.389	862	1399	MIS	1954
	MIDALE (NON-UNIT)	15.948	6.60	0.00	6.60	1.053	0.000	1.053	0.898	0.155	19.979	3481	8.90	11.0	35.0	1.389	846	1399	MIS	1954
	MIDALE (NORTH VOL UNIT NO. 1)	1.963	10.00	5.55	15.55	0.196	0.109	0.305	0.280	0.025	3.989	971	4.13	10.0	32.0	1.389	834	1399	MIS	1954
	MIDALE (NORTH VOL UNIT NO. 2)	1.875	7.40	0.00	7.40	0.139	0.000	0.139	0.132	0.007	2.133	551	6.10	12.3	37.0	1.389	834	1399	MIS	1954
	MIDALE (UNIT IA)	18.404	16.00	34.45	50.45	2.945	6.340	9.285	9.048	0.237	37.763	5463	4.21	17.1	35.0	1.389	843	1399	MIS	1954
	MIDALE (UNIT II)	16.648	25.20	35.20	60.40	4.195	5.860	10.056	8.973	1.083	82.677	2072	9.50	16.5	28.8	1.389	858	1399	MIS	1954
	MIDALE (UNIT III)	11.465	16.00	25.85	41.85	1.834	2.964	4.798	4.654	0.144	27.310	2818	4.60	18.9	35.0	1.389	827	1399	MIS	1954
	MIDALE (UNIT IV)	15.943	12.60	24.47	37.07	2.009	3.901	5.910	5.627	0.283	33.505	5308	3.89	16.5	35.0	1.389	824	1399	MIS	1954
	MIDALE (UNIT V)	6.555	15.00	12.55	27.55	0.983	0.823	1.806	1.758	0.048	7.782	2849	3.30	14.9	35.0	1.389	837	1399	MIS	1954
	MIDALE (UNIT VI)	25.307	15.70	22.85	38.55	3.973	5.783	9.756	9.597	0.159	32.832	6685	5.12	15.8	35.0	1.389	843	1399	MIS	1954
	MIDALE (UNIT VII)	2.496	10.00	28.30	38.30	0.250	0.707	0.956	0.886	0.070	10.748	713	4.18	17.9	35.0	1.389	870	1399	MIS	1954
	WINNIPEGOSIS (NON-UNIT)	5.993	6.30	0.00	6.30	0.378	0.000	0.378	0.175	0.202	47.275	648	17.00	10.5	30.0	1.351	868	2180	DEV	1994
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	1.206	13.50	12.80	26.30	0.163	0.154	0.317	0.229	0.088	27.033	196	13.20	9.0	30.0	1.351	868	2180	DEV	1994
STORTHOAKS	ALIDA	2.845	8.70	0.00	8.70	0.248	0.000	0.248	0.228	0.020	3.242	227	12.90	16.8	35.0	1.124	842	1065	MIS	1962
	ALIDA (VOLUNTARY UNIT NO. 1)	3.964	13.70	0.00	13.70	0.543	0.000	0.543	0.479	0.064	4.472	416	10.70	15.4	35.0	1.124	842	1065	MIS	1962
	TILSTON	2.058	14.30	0.00	14.30	0.294	0.000	0.294	0.212	0.082	7.544	243	10.10	14.5	35.0	1.124	846	1040	MIS	1962
STORTHOAKS NORTH	TILSTON	0.569	3.65	0.00	3.65	0.021	0.000	0.021	0.019	0.002	0.818	130	7.50	10.1	35.0	1.124	846	1060	MIS	1994
TABLELAND	WINNIPEGOSIS (NON-UNIT)	0.276	24.70	0.00	24.70	0.068	0.000	0.068	0.068	0.000	0.430	65	10.49	7.5	19.0	1.500	827	2576	DEV	1975
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	0.658	17.90	4.66	22.56	0.118	0.031	0.148	0.144	0.004	3.130	68	14.58	12.2	18.4	1.500	827	2576	DEV	1975
TAYLORTON	MIDALE	1.198	6.10	0.00	6.10	0.073	0.000	0.073	0.041	0.032	6.014	324	6.71	10.0	35.0	1.180	855	1641	MIS	1989
THIRTY LAKE	ALIDA	0.664	21.20	0.00	21.20	0.141	0.000	0.141	0.109	0.032	4.679	227	4.00	15.0	35.0	1.333	860	1324	MIS	1985
TYVAN	RED RIVER	10.586	4.20	0.00	4.20	0.445	0.000	0.445	0.235	0.210	48.368	971	20.00	10.0	39.0	1.119	808	2160	ORD	1998
VIEWFIELD	FROBISHER (NON-UNIT)	1.904	52.30	0.00	52.30	0.996	0.000	0.996	0.936	0.060	20.072	518	6.76	9.7	32.5	1.204	838	1270	MIS	1969
	FROBISHER (VOLUNTARY UNIT NO. 1)	1.479	12.64	0.00	12.64	0.187	0.000	0.187	0.186	0.001	1.092	129	17.10	12.0	35.0	1.163	873	1270	MIS	1969
	VIEWFIELD RIM	3.556	17.40	0.00	17.40	0.619	0.000	0.619	0.580	0.038	11.679	405	16.68	10.7	35.5	1.311	844	1259	TRI	1968
VIEWFIELD EAST	FROBISHER	0.550	5.10	0.00	5.10	0.028	0.000	0.028	0.015	0.013	7.307	195	5.00	11.0	40.0	1.170	854	1312	MIS	1969
WARMLEY	ALIDA (FLETWODE ALIDA VOL UNIT)	0.773	36.70	0.00	36.70	0.284	0.000	0.284	0.261	0.023	5.838	401	3.20	11.4	40.0	1.136	860	1242	MIS	1966
WAUCHOPE	ALIDA-TILSTON	3.466	28.90	0.00	28.90	1.002	0.000	1.002	0.802	0.200	41.177	502	6.60	19.6	40.0	1.124	852	1140	MIS	1980
WAUCHOPE CENTRAL	TILSTON	0.299	1.25	0.00	1.25	0.004	0.000	0.004	0.004	0.000	0.000	32	8.50	20.6	40.0	1.124	845	1130	MIS	1991
WAUCHOPE NORTH	TILSTON	0.591	18.70	0.00	18.70	0.110	0.000	0.110	0.082	0.028	6.712	162	4.50	15.0	40.0	1.111	852	1083	MIS	1971
WAUCHOPE SOUTH	ALIDA	2.275	7.30	0.00	7.30	0.166	0.000	0.166	0.144	0.022	10.901	356	7.80	16.8	35.0	1.333	850	1152	MIS	1986
WAUCHOPE WEST	ALIDA	2.747	3.22	0.00	3.22	0.088	0.000	0.088	0.081	0.007	2.604	259	15.00	14.5	35.0	1.333	845	1163	MIS	1964
WEIR HILL	FROBISHER	3.511	8.20	0.00	8.20	0.288	0.000	0.288	0.244	0.044	16.817	534	14.50	9.3	35.0	1.333	871	1353	MIS	1968
WELWYN	BAKKEN SAND	0.261	17.80	0.00	17.80	0.046	0.000	0.046	0.044	0.003	0.812	113	3.00	15.8	35.0	1.333	888	723	MIS	1985
WELWYN SOUTH	BAKKEN SAND	0.075	19.60	0.00	19.60	0.015	0.000	0.015	0.011	0.003	0.904	32	3.20	15.0	35.0	1.333	841	735	MIS	1989
WEYBURN	FROBISHER	3.349	6.20	0.00	6.20	0.208	0.000	0.208	0.146	0.062	16.860	631	12.30	9.7	50.0	1.124	876	1417	MIS	1954
	MIDALE (NON-UNIT)	38.534	4.52	0.00	4.52	1.742	0.000	1.742	1.023	0.719	115.112	4161	10.20	15.7	35.0	1.124	877	1377	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 10)	2.518	14.80	0.05	14.85	0.373	0.001	0.374	0.239	0.135	12.600	195	8.00	28.0	36.0	1.110	880	1405	MIS	1954

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD. 12/31/01	REMAINING RESERVES	2001 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL												
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%		FACTOR	KG/m3	m		
WEYBURN	MIDALE (VOLUNTARY UNIT NO. 2)	0.293	12.80	10.65	23.45	0.038	0.031	0.069	0.039	0.030	1.374	129	3.60	12.8	44.0	1.135	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 3)	0.320	8.60	5.00	13.60	0.028	0.016	0.044	0.036	0.008	0.974	65	4.70	18.0	33.0	1.150	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 4)	2.494	3.00	0.71	3.71	0.075	0.018	0.093	0.090	0.002	1.625	1100	4.90	10.4	50.0	1.124	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 5)	1.912	8.30	10.37	18.67	0.159	0.198	0.357	0.330	0.027	8.004	356	6.60	15.6	40.0	1.150	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 6)	1.435	6.10	0.52	6.62	0.088	0.007	0.095	0.090	0.005	1.608	259	6.56	14.6	35.0	1.124	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 7)	2.283	9.10	3.80	12.90	0.208	0.087	0.294	0.254	0.040	6.170	1004	3.60	12.8	44.0	1.135	880	1405	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 8)	0.645	4.50	1.75	6.25	0.029	0.011	0.040	0.038	0.002	0.867	162	5.30	13.0	35.0	1.124	880	1405	MIS	1954
WHITE BEAR	TILSTON	5.078	33.65	0.00	33.65	1.709	0.000	1.709	1.572	0.137	26.331	583	12.80	12.6	40.0	1.111	862	1060	MIS	1957
	TILSTON-SOURIS VALLEY	1.231	19.02	0.00	19.02	0.234	0.000	0.234	0.230	0.004	5.346	388	7.63	7.7	40.0	1.111	853	1189	MIS	1963
WILDWOOD	ALIDA	1.444	14.90	0.00	14.90	0.215	0.000	0.215	0.186	0.029	4.648	242	8.50	14.4	35.0	1.333	852	1184	MIS	1966
WILLMAR	FROBISHER-ALIDA (KISBEY SD VOL UNIT)	0.255	51.80	0.00	51.80	0.132	0.000	0.132	0.129	0.003	0.545	81	3.41	20.0	40.0	1.299	843	1249	MIS	1957
	FROBISHER-ALIDA (N CENTRAL VOL UNIT)	1.216	16.00	6.84	22.84	0.195	0.083	0.278	0.272	0.005	2.316	324	6.25	11.0	30.0	1.282	843	1249	MIS	1957
	FROBISHER-ALIDA (N DALES UNIT NO. 1)	1.151	38.00	15.30	53.30	0.437	0.176	0.613	0.584	0.030	3.520	388	5.91	9.9	35.0	1.282	865	1249	MIS	1957
	FROBISHER-ALIDA (NON-UNIT)	19.975	19.20	7.55	26.75	3.835	1.508	5.343	3.702	1.641	125.176	2768	11.20	11.8	30.0	1.282	861	1249	MIS	1957
	FROBISHER-ALIDA (VOL UNIT NO. 1)	4.857	18.00	26.38	44.38	0.874	1.281	2.156	2.019	0.137	19.354	1084	6.10	12.9	27.0	1.282	843	1249	MIS	1957
WILLMAR NORTH	FROBISHER-ALIDA (NON-UNIT)	0.260	5.09	0.00	5.09	0.013	0.000	0.013	0.011	0.002	0.353	97	5.10	9.0	35.0	1.111	843	1205	MIS	1971
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.468	13.66	18.40	32.06	0.064	0.086	0.150	0.097	0.053	8.370	233	2.44	12.8	28.6	1.111	843	1205	MIS	1971
WILLMAR WEST	FROBISHER	1.804	7.10	0.00	7.10	0.128	0.000	0.128	0.105	0.023	9.329	826	4.00	10.0	30.0	1.282	854	1260	MIS	1991
WINMORE	FROBISHER	0.558	9.15	0.00	9.15	0.051	0.000	0.051	0.050	0.002	0.496	259	4.70	9.7	45.0	1.163	869	1140	MIS	1968
WORDSWORTH	FROBISHER-ALIDA	10.194	7.70	0.00	7.70	0.785	0.000	0.785	0.725	0.060	14.490	1522	10.70	10.7	25.0	1.282	853	1257	MIS	1962
WORDSWORTH EAST	FROBISHER	1.738	2.53	0.00	2.53	0.044	0.000	0.044	0.033	0.011	2.310	291	8.30	12.3	25.0	1.282	853	1205	MIS	1980
WORDSWORTH NORTH	FROBISHER-ALIDA	0.426	38.20	0.00	38.20	0.163	0.000	0.163	0.107	0.056	6.838	165	3.53	12.5	35.0	1.111	849	1206	MIS	1994
WORKMAN	FROBISHER (NON-UNIT)	8.592	13.40	0.00	13.40	1.151	0.000	1.151	0.987	0.164	26.876	1473	11.10	10.8	42.1	1.190	861	1237	MIS	1959
	FROBISHER (VOLUNTARY UNIT NO. 1)	5.025	16.70	21.44	38.14	0.839	1.077	1.916	1.877	0.039	8.084	1748	4.51	13.1	42.1	1.190	844	1237	MIS	1959
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.801	11.20	11.18	22.38	0.202	0.201	0.403	0.237	0.166	7.942	486	5.20	14.5	41.5	1.190	844	1237	MIS	1959
	FROBISHER (VOLUNTARY UNIT NO. 3)	1.235	40.10	0.00	40.10	0.495	0.000	0.495	0.417	0.078	8.444	943	3.10	11.1	54.7	1.190	844	1237	MIS	1959
	FROBISHER (VOLUNTARY UNIT NO. 4)	0.824	26.60	2.10	28.70	0.219	0.017	0.237	0.210	0.027	1.596	194	12.00	9.3	54.7	1.190	844	1237	MIS	1959
	MIDALE (NON-UNIT)	1.874	8.20	0.00	8.20	0.154	0.000	0.154	0.148	0.006	1.492	502	7.06	10.3	35.0	1.266	844	1230	MIS	1960
	MIDALE (VOLUNTARY UNIT NO. 1)	1.041	17.80	8.17	25.97	0.185	0.085	0.270	0.264	0.006	0.820	671	1.92	14.8	35.0	1.190	838	1230	MIS	1960
	MIDALE (VOLUNTARY UNIT NO. 2)	0.841	10.60	13.10	23.70	0.089	0.110	0.199	0.182	0.017	1.983	356	3.14	15.7	39.3	1.266	838	1230	MIS	1960
WORKMAN SOUTH	FROBISHER	1.694	11.70	0.00	11.70	0.198	0.000	0.198	0.164	0.034	6.635	324	8.30	9.4	25.0	1.119	866	1282	MIS	1990
	TOTAL AREA 4L	**1,070.699**				**159.777**	**44.969**	**204.746**	**172.776**	**31.972**	**4,691.495**									
AREA 4M																				
MISCELLANEOUS	ALIDA	0.789	7.40	0.00	7.40	0.058	0.000	0.058	0.032	0.027	6.876	227	5.40	13.2	35.0	1.333			MIS	
	BIRDBEAR	1.517	6.50	0.00	6.50	0.099	0.000	0.099	0.061	0.037	5.677	405	4.70	12.5	25.0	1.176			DEV	
	FROBISHER	7.032	5.60	0.00	5.60	0.394	0.000	0.394	0.219	0.174	23.296	2137	7.30	9.4	46.1	1.124			MIS	
	FROBISHER-ALIDA	3.037	4.30	0.00	4.30	0.131	0.000	0.131	0.020	0.110	13.097	470	10.60	12.5	35.0	1.333			MIS	
	JURASSIC	0.178	4.50	0.00	4.50	0.008	0.000	0.008	0.008	0.000	0.000	16	6.70	24.0	30.0	1.010			JUR	

OIL RESERVES DATA

		INITIAL OIL	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2001	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
		IN PLACE	PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/01	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH		DISC.
POOL	HORIZON	1000000 m3	%			1000000 m3					1000 m3	ha	m	%		FACTOR	KG/m3	m	SYSTEM	YEAR
MISCELLANEOUS	MADISON	0.159	0.80	0.00	0.80	0.001	0.000	0.001	0.001	0.000	0.110	32	16.00	4.0	20.0	1.031			MIS	
	MANNVILLE SAND	0.000	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0	0.00	0.0	0.0	1.010			CRE	
	MIDALE	19.984	3.14	0.00	3.14	0.627	0.000	0.627	0.479	0.149	42.198	2752	9.30	15.7	44.1	1.124			MIS	
	RATCLIFFE	2.247	5.30	0.00	5.30	0.119	0.000	0.119	0.101	0.018	2.978	502	6.80	13.5	35.0	1.333			MIS	
	RED JACKET SAND	1.086	0.78	0.00	0.78	0.008	0.000	0.008	0.005	0.003	0.964	97	8.50	27.0	35.0	1.333			JUR	
	SHAUNAVON	0.428	0.86	0.00	0.86	0.004	0.000	0.004	0.000	0.004	0.000	32	6.00	30.0	25.0	1.010			JUR	
	TILSTON	7.088	2.30	0.00	2.30	0.163	0.000	0.163	0.107	0.056	12.874	1004	8.60	15.2	40.0	1.111			MIS	
	WAPELLA SAND	0.255	3.38	0.00	3.38	0.009	0.000	0.009	0.005	0.003	0.657	49	2.50	28.0	25.0	1.010			CRE -JUR	
BENDER	TILSTON (NON-UNIT)	0.033	4.40	0.00	4.40	0.001	0.000	0.001	0.001	0.000	0.000	64	0.80	12.0	40.0	1.110	884	1207	MIS	1990
	TILSTON (VOLUNTARY UNIT NO 1)	0.252	6.50	0.00	6.50	0.016	0.000	0.016	0.012	0.004	1.501	97	4.00	12.0	40.0	1.110	884	1207	MIS	1990
BENDER CENTRAL	TILSTON	1.894	20.50	0.00	20.50	0.388	0.000	0.388	0.204	0.184	21.020	324	8.80	12.3	40.0	1.111	886	1200	MIS	1991
BENDER SOUTH	TILSTON	0.567	9.10	0.00	9.10	0.052	0.000	0.052	0.036	0.015	2.733	97	9.10	11.9	40.0	1.111	886	1207	MIS	1991
BENSON	MIDALE (NON-UNIT)	4.678	7.50	0.00	7.50	0.351	0.000	0.351	0.267	0.084	10.693	1036	5.80	12.5	30.0	1.124	886	1371	MIS	1956
	MIDALE (NORTHWEST VOLUNTARY UNIT)	0.513	5.98	3.60	9.58	0.031	0.018	0.049	0.046	0.003	0.419	243	2.26	15.0	30.0	1.124	875	1371	MIS	1956
	MIDALE (UNIT)	8.079	6.00	27.63	33.63	0.485	2.232	2.717	2.108	0.609	35.880	2978	1.80	24.2	30.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO 1)	2.477	9.80	35.50	45.30	0.243	0.880	1.122	0.729	0.393	32.718	1117	2.77	15.0	40.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO 2)	0.618	9.10	34.20	43.30	0.056	0.211	0.267	0.135	0.132	7.710	227	1.60	27.3	30.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO 3)	0.545	22.00	30.30	52.30	0.120	0.165	0.285	0.177	0.108	10.049	175	2.00	25.0	30.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO 4)	0.629	16.82	1.35	18.17	0.106	0.008	0.114	0.101	0.013	1.176	227	5.00	8.9	30.0	1.124	875	1371	MIS	1956
BENSON EAST	MIDALE	0.934	1.90	7.70	9.60	0.018	0.072	0.090	0.078	0.011	2.522	291	1.70	27.2	22.0	1.124	875	1375	MIS	1983
BIG MARSH LAKE	TILSTON	1.977	19.00	0.00	19.00	0.376	0.000	0.376	0.291	0.085	21.583	453	4.00	20.0	40.0	1.100	862	1245	MIS	1994
BROMHEAD	MIDALE	2.472	15.30	0.00	15.30	0.378	0.000	0.378	0.333	0.045	4.392	615	5.00	13.9	35.0	1.124	903	1693	MIS	1965
BRYANT	FROBISHER	0.441	12.20	0.00	12.20	0.054	0.000	0.054	0.047	0.006	1.204	256	4.30	8.9	50.0	1.112	895	1433	MIS	1979
	MIDALE	2.841	5.35	3.35	8.70	0.152	0.095	0.247	0.219	0.028	7.402	1133	1.93	25.2	42.0	1.125	904	1406	MIS	1979
BURROWS	RED JACKET SAND	0.358	2.60	0.00	2.60	0.009	0.000	0.009	0.009	0.001	0.521	32	8.50	27.0	35.0	1.333	912	700	JUR	1992
CHAPLEAU LAKE	RED RIVER	1.523	3.75	0.00	3.75	0.057	0.000	0.057	0.026	0.032	9.630	162	15.30	11.4	35.0	1.206	893	2118	MIS	1998
COLGATE	MIDALE	2.145	25.00	0.00	25.00	0.536	0.000	0.536	0.528	0.009	4.763	146	12.20	18.7	30.0	1.087	851	1516	MIS	1983
COOTHILL	RED JACKET SAND	1.051	26.50	0.00	26.50	0.279	0.000	0.279	0.205	0.074	14.212	73	10.80	21.4	37.5	1.003	944	729	JUR	1985
CORNING	TILSTON	1.910	3.05	0.00	3.05	0.058	0.000	0.058	0.045	0.013	5.707	324	5.30	20.6	40.0	1.111	880	1229	MIS	1996
CORNING WEST	TILSTON	6.610	5.30	0.00	5.30	0.350	0.000	0.350	0.250	0.100	35.641	680	6.00	30.0	40.0	1.111	852	1194	MIS	1996
COYOTE LAKE	TILSTON	1.618	15.40	0.00	15.40	0.249	0.000	0.249	0.111	0.138	22.333	227	6.00	22.0	40.0	1.111	886	1248	MIS	1997
CREELMAN	ALIDA	1.959	24.60	0.00	24.60	0.482	0.000	0.482	0.396	0.086	35.552	470	5.70	13.7	40.0	1.124	911	1200	MIS	1966
DAHINDA	MADISON	0.300	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	32	18.50	9.0	25.0	1.333	956	1410	MIS	1993
ELCOTT EAST	MIDALE	1.485	6.70	0.00	6.70	0.100	0.000	0.100	0.086	0.014	8.296	356	5.90	14.5	35.0	1.333	832	1480	MIS	1994
ELSWICK	MIDALE (NON-UNIT)	8.742	21.60	12.61	34.21	1.888	1.102	2.991	1.187	1.804	93.781	2251	5.30	19.7	54.4	1.226	870	1515	MIS	1984
	MIDALE (VOLUNTARY UNIT NO 1)	0.306	18.50	5.00	23.50	0.057	0.015	0.072	0.059	0.013	1.593	130	5.50	9.0	41.7	1.226	870	1515	MIS	1984
ELSWICK EAST	MIDALE (NON-UNIT)	1.009	6.90	6.80	13.70	0.070	0.069	0.138	0.024	0.114	20.082	227	3.90	25.0	45.0	1.206	870	1529	MIS	1965
	MIDALE (VOLUNTARY UNIT NO 2)	3.564	16.00	8.60	24.60	0.570	0.307	0.877	0.565	0.312	35.150	551	5.62	25.1	44.7	1.206	870	1527	MIS	1965
ELSWICK SOUTH	MIDALE (NON-UNIT)	0.761	4.15	0.00	4.15	0.032	0.000	0.032	0.016	0.016	0.845	65	10.00	25.2	44.0	1.206	870	1588	MIS	1977
FLAT LAKE	RATCLIFFE (NON-UNIT)	0.192	29.00	0.00	29.00	0.056	0.000	0.056	0.022	0.034	1.464	65	8.60	8.1	49.2	1.199	867	1956	MIS	1965

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM.	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL	INITIAL RESERVES PRIM.	INITIAL RESERVES ENHAN.	INITIAL RESERVES TOTAL	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR.	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
FLINTON	TILSTON	6.660	3.45	0.00	3.45	0.230	0.000	0.230	0.159	0.071	14.639	842	9.70	15.1	40.0	1.111	886	1243	MIS	1994
FREESTONE	FROBISHER-ALIDA	3.948	25.00	0.00	25.00	0.987	0.000	0.987	0.825	0.162	20.761	1004	6.40	12.6	35.0	1.333	879	1180	MIS	1953
FREMANTLE	LOWER WATROUS	0.071	30.70	0.00	30.70	0.022	0.000	0.022	0.021	0.001	0.292	32	2.10	18.7	25.0	1.333	879	1190	TRI	1971
GRIFFIN	FROBISHER	0.400	56.60	0.00	56.60	0.226	0.000	0.226	0.215	0.011	10.545	324	3.20	6.9	35.0	1.163	885	1302	MIS	1958
GRIFFIN NORTH	FROBISHER	0.917	18.90	0.00	18.90	0.173	0.000	0.173	0.162	0.011	2.591	291	6.78	8.0	35.0	1.124	904	1273	MIS	1968
HANDSWORTH	ALIDA	11.686	22.90	0.00	22.90	2.676	0.000	2.676	1.800	0.876	103.531	2688	7.89	11.3	35.0	1.333	886	1204	MIS	1964
HARTAVEN	FROBISHER-ALIDA	1.826	40.00	0.00	40.00	0.730	0.000	0.730	0.406	0.324	37.295	438	5.70	13.7	40.0	1.124	876	1199	MIS	1965
HAZELWOOD CENTRAL	TILSTON	4.050	13.40	0.00	13.40	0.543	0.000	0.543	0.381	0.162	23.989	712	7.47	14.1	40.0	1.111	848	1149	MIS	1963
HAZELWOOD SOUTH	TILSTON	9.682	12.90	0.00	12.90	1.249	0.000	1.249	0.972	0.277	74.869	1085	10.80	15.3	40.0	1.111	870	1210	MIS	1993
HAZELWOOD WEST	TILSTON	1.065	4.85	0.00	4.85	0.052	0.000	0.052	0.047	0.005	1.463	130	8.68	17.5	40.0	1.111	870	1210	MIS	1957
HEWARD	FROBISHER	4.182	10.00	0.00	10.00	0.418	0.000	0.418	0.318	0.100	20.376	842	7.04	13.0	39.0	1.124	878	1226	MIS	1986
HEWARD SOUTH	FROBISHER	1.630	5.70	0.00	5.70	0.093	0.000	0.093	0.048	0.045	6.625	486	7.58	7.7	35.0	1.124	887	1245	MIS	1965
HOFFER	RATCLIFFE	0.447	62.10	0.00	62.10	0.278	0.000	0.278	0.270	0.008	0.611	97	6.20	14.3	35.0	1.250	869	1935	MIS	1964
HUME	MIDALE	1.576	25.50	0.00	25.50	0.402	0.000	0.402	0.270	0.132	7.619	712	4.30	8.9	35.0	1.124	869	1332	MIS	1968
HUNTOON	FROBISHER	9.519	9.20	0.00	9.20	0.876	0.000	0.876	0.726	0.150	34.741	1829	9.00	10.0	35.0	1.124	892	1372	MIS	1957
	MIDALE (NON-UNIT)	2.917	6.30	0.00	6.30	0.184	0.000	0.184	0.160	0.024	4.294	1101	5.52	8.3	35.0	1.124	890	1371	MIS	1957
	MIDALE (VOLUNTARY UNIT NO. 1)	4.443	5.00	4.60	9.60	0.222	0.204	0.427	0.369	0.058	4.344	1230	3.47	18.0	35.0	1.124	874	1359	MIS	1957
	MIDALE (VOLUNTARY UNIT NO. 2)	0.522	2.07	1.80	3.87	0.011	0.009	0.020	0.019	0.001	1.031	162	5.70	12.7	50.0	1.124	875	1371	MIS	1957
HUNTOON NORTH	FROBISHER (NON-UNIT)	1.132	6.34	0.00	6.34	0.072	0.000	0.072	0.071	0.001	1.696	243	10.20	7.9	35.0	1.124	892	1370	MIS	1987
	FROBISHER (VOLUNTARY UNIT NO. 1)	0.597	6.80	0.00	6.80	0.041	0.000	0.041	0.038	0.003	1.612	129	10.00	8.0	35.0	1.124	892	1370	MIS	1987
INGOLDSBY	FROBISHER-ALIDA	5.154	37.55	0.00	37.55	1.936	0.000	1.936	1.858	0.078	12.974	757	10.50	10.7	30.0	1.155	876	1089	MIS	1955
INNES	FROBISHER	13.372	27.25	0.00	27.25	3.644	0.000	3.644	2.995	0.649	100.966	2687	10.60	8.4	35.0	1.163	891	1333	MIS	1965
LAKE ALMA	RATCLIFFE (VOLUNTARY UNIT)	2.379	17.00	23.70	40.70	0.404	0.564	0.968	0.891	0.077	9.398	437	4.24	23.5	40.0	1.098	874	1981	MIS	1965
LOST HORSE HILL	FROBISHER-ALIDA (NON-UNIT)	17.559	19.70	0.00	19.70	3.459	0.000	3.459	2.202	1.257	156.807	2299	10.14	14.1	40.0	1.124	897	1174	MIS	1963
	FROBISHER-ALIDA (VOL UNIT NO. 1)	9.649	28.70	0.00	28.70	2.769	0.000	2.769	2.517	0.252	30.094	583	20.95	15.7	45.0	1.093	848	1174	MIS	1963
LOUGHEED	MIDALE (NON-UNIT)	19.477	9.95	0.00	9.95	1.938	0.000	1.938	1.468	0.470	97.193	1667	10.23	19.8	35.0	1.124	873	1407	MIS	1959
	MIDALE (VOLUNTARY UNIT NO. 1)	13.912	10.06	6.50	16.56	1.400	0.904	2.304	1.378	0.926	128.599	1485	8.10	20.0	35.0	1.124	873	1407	MIS	1959
MACOUN	MIDALE (NON-UNIT)	0.945	43.30	0.00	43.30	0.409	0.000	0.409	0.281	0.128	14.978	421	3.62	11.1	35.0	1.163	895	1531	MIS	1969
	MIDALE (VOLUNTARY UNIT NO. 1)	0.862	16.50	5.10	21.60	0.142	0.044	0.186	0.158	0.028	6.571	194	6.97	11.4	35.0	1.163	895	1531	MIS	1969
MACOUN SOUTH	MIDALE	0.267	27.60	0.00	27.60	0.074	0.000	0.074	0.070	0.003	2.352	97	5.30	11.0	45.0	1.163	895	1550	MIS	1991
MACOUN WEST	MIDALE	0.793	13.20	0.00	13.20	0.105	0.000	0.105	0.086	0.019	4.091	259	7.44	8.7	45.0	1.163	888	1559	MIS	1970
MELROSE	FROBISHER-ALIDA	1.787	30.40	0.00	30.40	0.543	0.000	0.543	0.345	0.198	53.816	308	7.61	15.6	45.0	1.124	878	1169	MIS	1963
MIDALE	CENTRAL FROBISHER	9.879	17.10	0.00	17.10	1.689	0.000	1.689	1.200	0.489	85.334	2898	7.90	9.7	50.0	1.124	881	1411	MIS	1953
	CENTRAL MIDALE (E. VOL UNIT NO. 1)	2.552	17.50	0.00	17.50	0.447	0.000	0.447	0.196	0.250	10.851	680	3.79	17.8	37.5	1.124	883	1429	MIS	1976
	CENTRAL MIDALE (NON-UNIT)	16.829	11.10	0.00	11.10	1.868	0.000	1.868	1.240	0.628	50.180	4128	4.00	17.9	38.0	1.124	883	1402	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 1)	1.391	4.40	4.30	8.70	0.061	0.060	0.121	0.097	0.024	2.639	259	7.03	14.7	41.6	1.124	883	1340	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 2)	2.351	14.20	11.60	25.80	0.334	0.273	0.607	0.406	0.201	15.329	324	5.50	22.1	32.9	1.124	883	1340	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 3)	2.921	4.30	11.00	15.30	0.126	0.321	0.447	0.084	0.363	4.693	648	4.22	18.8	36.1	1.124	883	1467	MIS	1964
	CENTRAL MIDALE (UNIT)	81.734	12.00	19.80	31.80	9.808	16.182	25.990	19.589	6.401	447.477	12335	7.54	16.3	39.4	1.124	877	1402	MIS	1953
MINARD	MIDALE	1.100	3.30	0.00	3.30	0.036	0.000	0.036	0.034	0.002	1.382	324	2.93	26.0	45.0	1.234	905	1340	MIS	1956

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
MONTMARTRE	RED RIVER	4.091	1.92	0.00	1.92	0.079	0.000	0.079	0.053	0.026	12.831	259	24.40	12.0	35.0	1.205	896	2160	MIS	1998
MOOSE VALLEY	TILSTON	8.877	16.10	0.00	16.10	1.429	0.000	1.429	0.968	0.461	73.861	1166	11.10	12.7	40.0	1.111	909	1163	MIS	1958
MOOSE VALLEY SOUTH	TILSTON	1.368	7.20	0.00	7.20	0.098	0.000	0.098	0.078	0.020	5.941	130	12.10	16.1	40.0	1.111	909	1204	MIS	1992
MOOSOMIN	RED JACKET SAND	1.610	14.80	0.00	14.80	0.238	0.000	0.238	0.130	0.108	10.938	97	7.68	29.1	25.0	1.010	928	596	JUR	1984
NEPTUNE	RATCLIFFE	3.730	19.50	0.00	19.50	0.727	0.000	0.727	0.498	0.229	13.535	971	4.85	16.0	45.0	1.111	910	1764	MIS	1967
NEPTUNE NORTH	MIDALE	14.741	1.42	0.00	1.42	0.209	0.000	0.209	0.148	0.061	12.296	696	20.00	17.7	35.0	1.087	920	1514	MIS	1983
NORTH HANDSWORTH	ALIDA (NON-UNIT)	3.172	20.30	0.00	20.30	0.644	0.000	0.644	0.555	0.089	17.626	971	6.70	10.0	35.0	1.333	885	1176	MIS	1965
	ALIDA (VOLUNTARY UNIT NO. 1)	0.238	13.80	0.00	13.80	0.033	0.000	0.033	0.032	0.001	0.371	65	7.50	10.0	35.0	1.333	885	1176	MIS	1965
PHEASANT RUMP	ALIDA	1.257	8.10	0.00	8.10	0.102	0.000	0.102	0.079	0.023	2.975	194	8.00	14.0	35.0	1.124	875	1290	MIS	1996
RALPH	MIDALE (NON-UNIT)	0.161	7.13	0.00	7.13	0.011	0.000	0.011	0.011	0.000	0.277	97	3.85	11.0	55.9	1.124	863	1315	MIS	1973
RED JACKET	GRAVELBOURG	0.221	6.17	0.00	6.17	0.014	0.000	0.014	0.013	0.000	0.031	32	3.60	31.0	38.0	1.003	930	735	JUR	1985
	RED JACKET SAND	4.898	18.00	3.50	21.50	0.882	0.171	1.053	0.785	0.268	51.522	405	6.75	28.8	37.5	1.003	948	665	JUR	1984
RED JACKET SOUTH	RED JACKET SAND	1.218	2.19	0.00	2.19	0.027	0.000	0.027	0.025	0.001	0.945	65	10.50	28.0	35.0	1.020	954	700	JUR	1990
SILVERTON EAST	FROBISHER	0.659	25.00	0.50	25.50	0.165	0.003	0.168	0.140	0.028	4.485	238	6.00	8.0	35.0	1.127	854	1135	MIS	1994
SILVERTON WEST	FROBISHER-ALIDA	1.757	14.00	0.00	14.00	0.246	0.000	0.246	0.186	0.060	40.951	324	5.00	18.8	35.0	1.127	845	1170	MIS	1996
SKINNER LAKE	RATCLIFFE	2.338	11.80	0.00	11.80	0.276	0.000	0.276	0.166	0.110	7.343	615	4.29	17.9	45.0	1.111	893	1723	MIS	1969
STOUGHTON	FROBISHER-ALIDA	1.113	47.00	0.00	47.00	0.523	0.000	0.523	0.463	0.060	7.560	473	4.30	9.8	35.0	1.164	882	1268	MIS	1960
STOUGHTON NORTH	FROBISHER	0.901	5.09	0.00	5.09	0.046	0.000	0.046	0.044	0.002	0.888	194	12.00	6.9	35.0	1.162	874	1245	MIS	1985
STOUGHTON SOUTH	FROBISHER	2.098	19.50	0.00	19.50	0.409	0.000	0.409	0.293	0.116	19.780	712	8.20	7.6	45.0	1.163	892	1265	MIS	1974
TATAGWA	MIDALE	3.982	16.75	0.00	16.75	0.667	0.000	0.667	0.555	0.112	36.382	615	7.10	16.8	41.0	1.087	904	1478	MIS	1977
TATAGWA CENTRAL	MIDALE	18.823	4.60	0.00	4.60	0.866	0.000	0.866	0.675	0.191	34.155	1150	16.68	16.4	35.0	1.087	904	1478	MIS	1977
TATAGWA NORTH	MIDALE	44.789	2.00	0.01	2.01	0.896	0.004	0.900	0.687	0.214	50.339	2558	14.90	16.5	27.0	1.025	900	1470	MIS	1983
TATAGWA WEST	MIDALE	15.563	3.34	0.00	3.34	0.520	0.000	0.520	0.339	0.181	29.149	761	22.50	15.2	35.0	1.087	924	1487	MIS	1978
UNION JACK	MIDALE	1.988	1.46	0.00	1.46	0.029	0.000	0.029	0.026	0.003	1.870	227	11.30	13.4	35.0	1.124	880	1306	MIS	1990
VIEW HILL	MIDALE	0.629	31.70	0.00	31.70	0.199	0.000	0.199	0.188	0.012	4.206	227	5.61	11.1	50.0	1.124	885	1539	MIS	1959
VIEWFIELD	FROBISHER (NON-UNIT)	3.083	9.70	0.00	9.70	0.299	0.000	0.299	0.290	0.010	5.895	567	10.00	10.7	35.0	1.279	872	1270	MIS	1969
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.171	8.04	0.00	8.04	0.094	0.000	0.094	0.092	0.003	2.304	256	6.00	15.0	35.0	1.279	872	1270	MIS	1969
WAPELLA	MANNVILLE SAND	9.375	4.30	0.00	4.30	0.403	0.000	0.403	0.248	0.155	45.533	356	11.90	29.8	25.0	1.010	912	630	CRE	1983
	RED JACKET SAND	0.403	37.50	0.00	37.50	0.151	0.000	0.151	0.134	0.017	3.415	32	7.15	24.7	28.0	1.010	912	680	JUR	1954
	WAPELLA SAND	18.561	27.00	0.00	27.00	5.012	0.000	5.012	3.541	1.471	199.463	1635	5.85	28.0	30.0	1.010	906	701	CRE -JUR	1952
WEIR HILL	FROBISHER	1.182	11.40	0.00	11.40	0.135	0.000	0.135	0.128	0.006	4.239	130	24.83	7.5	35.0	1.333	871	1353	MIS	1968
WELWYN	RED JACKET SAND	0.181	17.00	0.00	17.00	0.031	0.000	0.031	0.016	0.015	1.748	32	3.00	30.0	30.0	1.111	946	600	JUR	1990
WEST INNES	FROBISHER	1.002	23.95	0.00	23.95	0.240	0.000	0.240	0.232	0.008	3.378	291	8.80	7.0	35.0	1.163	893	1335	MIS	1965
WEST KINGSFORD	MIDALE (CULLEN UNIT)	0.882	55.70	0.00	55.70	0.491	0.000	0.491	0.474	0.017	3.223	291	5.36	10.4	35.0	1.196	895	1485	MIS	1955
	MIDALE (NON-UNIT)	3.734	22.35	0.00	22.35	0.835	0.000	0.835	0.764	0.071	27.549	1085	5.50	11.6	35.0	1.205	882	1485	MIS	1955
WEYBURN	FROBISHER	9.626	7.68	0.00	7.68	0.739	0.000	0.739	0.675	0.064	10.647	1878	10.10	9.2	38.0	1.124	876	1417	MIS	1954
	MIDALE (NON-UNIT)	38.415	11.23	0.36	11.59	4.314	0.137	4.451	2.989	1.462	165.279	5667	6.42	17.2	31.0	1.124	877	1405	MIS	1954
	MIDALE (UNIT)	176.185	15.50	24.20	39.70	27.309	42.637	69.945	56.946	12.999	1121.060	21529	7.83	17.2	31.7	1.124	880	1399	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 9)	0.225	13.20	11.00	24.20	0.030	0.025	0.054	0.035	0.020	1.226	130	5.40	10.3	65.1	1.124	880	1405	MIS	1954

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE 1000000 m3	ESTIMATED RECOVERY PRIM. %	ESTIMATED RECOVERY ENHAN. %	ESTIMATED RECOVERY TOTAL %	INITIAL RESERVES PRIM. 1000000 m3	INITIAL RESERVES ENHAN. 1000000 m3	INITIAL RESERVES TOTAL 1000000 m3	TOTAL PROD. 12/31/01 1000000 m3	REMAINING RESERVES 1000000 m3	2001 PROD. 1000 m3	DEV. AREA ha	NET PAY m	AVE. POR. %	AVE. CONN. WATER %	FORM. VOLUME FACTOR	OIL DENSITY KG/m3	PROD. DEPTH m	SYSTEM	DISC. YEAR
	TOTAL AREA 4M	782.709				99.331	66.714	166.045	127.425	38.621	4,203.161									
	PROVINCIAL TOTAL	5,405.536				509.023	274.178	783.201	597.613	185.588	24,747.863									

RESERVOIR DATA RESERVES AND PRODUCTION – GAS

FIVE YEAR GAS SUMMARY

	1997	1998	1999	2000	2001
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	167 666.2	171 545.0	176 687.7	188 118.8	192 264.4
Associated	2 010.7	2 051.7	2 117.3	2 127.4	2 127.4
Dissolved	14 912.6	15 122.4	15 122.4	17 838.3	18 334.7
PROVINCIAL TOTAL	184 589.5	188 719.2	193 927.4	208 084.5	212 726.5
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	69 828.8	67 525.9	66 474.9	71 075.1	68 562.2
Associated	1 000.9	1 005.1	1 012.5	952.1	940.0
Dissolved	5 150.9	4 696.0	3 957.0	5 889.6	5 695.7
PROVINCIAL TOTAL	75 980.6	73 227.0	71 444.4	77 916.8	75 197.9
YEARLY PRODUCTION (Million Cubic Metres)					
Non-Associated	6 470.6	6 204.6	6 426.6	6 595.2	6 729.8
Associated	51.1	36.7	47.0	33.4	11.3
Dissolved	562.8	664.8	739.0	783.5	690.3
PROVINCIAL TOTAL	7 084.5	6 906.1	7 212.6	7 412.1	7 431.4
NUMBER OF PRODUCING WELLS					
Non-Associated	8 571	9 122	10 221	11 452	13 151
Associated	4	4	6	9	9
PROVINCIAL TOTAL	8 575	9 126	10 227	11 461	13 160
AVERAGE DAILY PRODUCTION (Million Cubic Metres Per Day)					
Non-Associated	20.742	21.131	22.836	22.352	23.506
Associated	0.199	0.183	0.182	0.195	0.129
Dissolved	1.542	1.822	2.024	2.147	1.892
PROVINCIAL TOTAL	22.483	23.136	25.042	24.694	25.527

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M³	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES (MILLION CUBIC METRES)	CUMULATIVE PRODUCTION DEC 31/01 (MILLION CUBIC METRES)	REMAINING RESERVES DEC 31/01 (MILLION CUBIC METRES)	HEATING VALUE MJ/M³	2001 PRODUCTION YEARLY TOTAL (MILLION M³)	2001 PRODUCTION DAILY AVERAGE (MILLION M³)	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
NON-ASSOCIATED GAS RESERVES																		
BARTHEL	COLONY SAND	23.1	80	5	17.6	16.3	1.3	36.7	0.000	0.000	447	1.58	30.0	50.0	0.565	334	CRET	1993
BATTLE CREEK WEST	SECOND WHITE SPECKS	91.6	75	5	65.3	1.4	63.9	36.2	1.394	0.027	518	3.50	15.0	50.0	0.576	857	CRET	1997
BAYHURST	VIKING (VOLUNTARY UNIT)	2,567.7	80	5	1,951.5	1,951.4	0.1	37.4	0.000	0.000	6,192	3.57	25.0	35.0	0.580	661	CRET	1958
BAYHURST WEST	VIKING (VOLUNTARY UNIT)	335.7	85	5	271.1	259.3	11.8	35.6	8.889	0.025	1,400	1.62	32.0	35.0	0.580	696	CRET	1968
BEACON HILL	MANNVILLE SAND (NON-UNIT)	402.2	80	5	305.7	281.6	24.1	35.6	15.338	0.051	3,871	3.00	30.0	47.5	0.568	274	CRET	1963
	MANNVILLE SAND (VOLUNTARY UNIT)	3,936.4	90	5	3,365.6	2,884.2	481.4	35.6	109.574	0.316	17,948	4.75	35.0	40.0	0.568	274	CRET	1963
BEACON HILL SOUTH	MANNVILLE SAND	2,177.3	86	5	1,778.9	1,698.6	80.3	35.6	54.628	0.180	7,250	6.30	31.0	30.0	0.568	274	CRET	1963
BEACON HILL WEST	MANNVILLE SAND	773.4	85	5	624.5	489.9	134.6	35.9	25.356	0.071	2,848	5.00	35.0	35.0	0.573	310	CRET	1978
BEAR CREEK	MANNVILLE SAND	603.0	80	5	458.3	392.8	65.5	36.6	25.129	0.073	3,885	4.65	25.0	39.0	0.572	363	CRET	1990
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO. 1)	378.0	82	5	294.5	293.0	1.5	36.9	0.000	0.000	874	2.53	28.1	33.0	0.583	972	CRET	1985
BIGSTICK	SECOND WHITE SPECKS	23,077.1	65	5	14,250.1	7,593.1	6,657.0	35.6	318.382	1.096	110,185	2.46	20.2	35.0	0.580	692	CRET	1980
BRANCH LAKE	COLONY SAND	804.0	75	5	572.9	390.0	182.9	36.3	29.128	0.100	4,155	4.50	30.0	40.0	0.569	342	CRET	1973
BROCK	VIKING (NON-UNIT)	52.3	80	5	39.7	19.2	20.5	36.3	1.353	0.006	777	2.33	15.7	40.0	0.588	716	CRET	1951
	VIKING (UNIT)	765.2	83	5	603.4	592.6	10.8	36.3	1.722	0.006	5,698	2.19	14.5	40.0	0.588	716	CRET	1951
BROCK EAST	VIKING SAND	184.7	35	5	61.4	26.1	35.3	34.6	0.537	0.003	1,813	0.93	24.0	40.0	0.597	720	CRET	1967
BRONSON LAKE	COLONY SAND	1,072.2	90	5	916.7	796.0	120.7	35.9	53.439	0.149	3,172	5.23	30.0	20.0	0.574	455	CRET	1974
	WASECA SAND	36.4	75	5	25.9	19.1	6.8	36.3	0.000	0.000	259	4.21	22.5	50.0	0.570	457	CRET	1986
BRONSON LAKE SOUTH	COLONY SAND	446.5	90	5	381.8	197.9	183.9	36.0	3.375	0.015	2,032	3.80	31.0	35.0	0.574	458	CRET	1983
BURSTALL	MEDICINE HAT SAND	744.3	65	5	459.6	14.1	490.3	35.4	0.223	0.002	7,753	2.60	16.0	50.0	0.575	520	CRET	1952
	MILK RIVER	853.4	60	5	486.4	146.9		35.4	20.935	0.180	11,703	2.20	16.0	45.0	0.574	460	CRET	1952
	MILK RIVER-MEDICINE HAT	–	–	–	–	294.7		35.4	29.193	0.137	–	–	–	–	0.574	460	CRET	1952
BURSTALL NORTH	VIKING SAND	232.0	60	5	132.2	113.2	19.0	35.6	1.543	0.006	1,011	1.90	26.0	45.0	0.580	748	CRET	1973
CADILLAC	SECOND WHITE SPECKS	279.2	65	5	172.4	1.5	170.9	34.4	1.507	0.058	2,064	2.00	18.0	45.0	0.595	797	CRET	1999
CARRUTHERS	COLONY SAND	221.8	72	5	151.7	151.7	0.0	34.0	1.751	0.009	786	4.03	26.3	29.0	0.595	518	CRET	1980
CAVALIER	SPINNEY HILL SAND	111.6	80	5	84.8	84.8	0.0	32.4	0.000	0.000	1,515	1.30	25.0	30.0	0.620	400	CRET	1972
COLD LAKE	COLONY SAND	357.5	80	5	271.7	192.1	79.6	36.4	6.336	0.019	2,720	3.74	29.0	40.0	0.568	330	CRET	1990
COLEVILLE-SMILEY	VIKING (NON-UNIT)	156.6	85	5	126.5	48.4	78.1	38.3	0.316	0.001	518	2.44	25.5	32.0	0.608	686	CRET	1951
	VIKING (UNIT)	7,454.4	90	5	6,373.5	5,833.8	539.7	38.3	73.256	0.201	20,980	3.25	22.5	32.0	0.608	686	CRET	1951
CONSUL	SECOND WHITE SPECKS	38.0	70	5	25.3	0.0	25.3	34.6	0.000	0.000	129	3.05	23.0	40.0	0.591	860	CRET	1971
	UPPER SHAUNAVON	57.4	50	5	27.3	27.3	0.0	36.7	0.000	0.000	127	2.13	20.0	25.0	0.600	1,305	JURA	1971
CRANE LAKE	MEDICINE HAT SAND	328.7	65	5	203.0	1.0	1,625.3	35.4	0.381	0.001	3,561	2.50	16.0	50.0	0.575	477	CRET	1953
	MILK RIVER	6,247.6	65	5	3,857.9	2,322.4		35.4	148.112	0.447	29,073	6.35	16.0	45.0	0.574	442	CRET	1970
	MILK RIVER-MEDICINE HAT	–	–	–	–	112.2		35.4	40.935	0.133	–	–	–	–	0.575	442	CRET	1953

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE	RECOVERY FACTOR	SURF LOSS	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/01	REMAINING RESERVES DEC 31/01	HEATING VALUE	2001 PRODUCTION YEARLY TOTAL	DAILY AVERAGE	DEVELOPED AREA	NET PAY	AVE. POROSITY	WATER SAT.	SPECIFIC GRAVITY	PRODUCING DEPTH	SYSTEM	DISCOVERY YEAR
		MILLION M³	%	%	—— MILLION CUBIC METRES ——			MAJ/M³	— MILLION M³ —		HECTARES	M	%	%		M		
CRANE LAKE SOUTH	MEDICINE HAT SAND	34.1	65	5	21.1	0.0	404.0	35.4	0.000	0.000	259	3.00	19.0	50.0	0.575	477	CRET.	1998
	MILK RIVER	985.1	60	5	561.5	171.1		35.4	25.438	0.075	12,626	2.08	18.0	45.0	0.574	465	CRET	1983
	MILK RIVER-MEDICINE HAT	--	--	--	--	7.5		35.4	2.065	0.006	--	--	--	--	0.575	465	CRET	1983
CRANE LAKE SOUTH	SECOND WHITE SPECKS	4,592.6	68	5	2,966.8	2,472.2	494.6	35.4	65.399	0.204	32,375	2.59	14.0	41.0	0.572	700	CRET.	1983
CYPRESS	SECOND WHITE SPECKS	528.2	75	5	376.3	290.9	85.4	36.1	6.353	0.021	2,072	3.13	20.9	41.9	0.576	899	CRET.	1994
DODSLAND NORTH	VIKING SAND (NON-UNIT)	1,379.4	65	5	851.8	630.1	221.7	40.7	28.993	0.090	12,691	1.50	22.4	50.0	0.621	669	CRET.	1953
	VIKING SAND (UNIT)	843.0	80	5	640.7	606.0	34.7	40.7	9.378	0.031	4,452	2.01	22.4	35.0	0.621	669	CRET.	1953
DRAKE LAKE	COLONY SAND	245.8	80	5	186.8	136.7	50.1	36.9	4.066	0.013	900	3.56	27.0	40.0	0.583	634	CRET.	1993
DRIVER	BAKKEN SAND	204.1	80	5	155.1	145.5	9.6	37.2	1.719	0.024	795	2.66	17.0	25.0	0.564	800	MISS.	1985
	MANNVILLE SAND	278.3	85	5	224.7	214.4	10.3	37.1	7.274	0.028	1,222	2.27	25.0	45.0	0.578	749	CRET.	1985
FLAT VALLEY	COLONY SAND	64.5	58	5	35.5	35.5	0.0	35.1	0.000	0.000	518	3.51	30.0	50.0	0.582	298	CRET.	1971
	ST. WALBURG SAND	0.4	70	5	0.3	0.3	0.0	33.9	0.000	0.000	5	2.00	33.0	50.0	0.594	202	CRET.	1977
FORT PITT	COLONY SAND	474.8	80	5	360.8	299.8	61.0	35.9	13.678	0.039	2,166	4.60	23.2	27.0	0.578	388	CRET.	1972
FORT PITT NORTH	COLONY SAND	1,102.3	80	5	837.7	710.7	127.0	37.0	14.614	0.046	2,000	8.67	28.0	20.0	0.568	473	CRET	1971
	WASECA SAND	45.1	85	5	38.4	32.8	3.6	35.8	1.289	0.006	288	2.30	30.0	25.0	0.575	495	CRET	1988
FREEFIGHT	MILK RIVER	5,368.5	70	5	3,570.1	2,426.0	1,144.1	35.4	113.716	0.343	26,225	6.45	16.0	45.0	0.574	434	CRET	1970
FREEFIGHT NORTH	MILK RIVER	349.4	65	5	215.8	102.7	113.1	35.4	29.637	0.082	4,403	2.50	16.0	45.0	0.574	406	CRET.	1977
FRENCHMAN BUTTE	COLONY SAND	996.5	85	5	804.7	699.0	105.7	35.9	18.977	0.053	2,590	8.00	27.4	37.8	0.577	424	CRET.	1984
	ST. WALBURG SAND	342.7	80	5	260.5	215.7	44.8	35.2	10.452	0.029	930	6.00	32.0	37.0	0.575	351	CRET.	1974
	WASECA SAND	22.3	80	5	16.9	16.9	0.0	36.3	0.000	0.000	299	1.83	27.6	50.0	0.576	466	CRET.	1974
GLIDDEN	VIKING SAND	128.8	74	5	90.5	90.5	0.0	35.8	0.000	0.000	1,813	0.76	21.0	40.0	0.584	694	CRET.	1953
GOLD LAKE	COLONY SAND	279.7	80	5	212.6	137.7	74.9	35.6	11.210	0.031	2,134	4.37	30.0	40.0	0.575	355	CRET.	1990
GREENAN	VIKING SAND	1,400.3	35	5	465.6	417.8	47.8	35.2	4.743	0.015	6,216	1.98	24.6	35.0	0.596	655	CRET.	1969
GULL LAKE	CANTUAR SAND	794.8	70	5	528.5	523.6	4.9	38.4	3.259	0.009	2,011	3.14	23.0	45.0	0.598	1,057	CRET.	1957
HALLAM	COLONY SAND	35.3	80	5	26.8	23.6	3.2	36.5	1.774	0.005	175	3.50	20.0	45.0	0.569	675	CRET	1974
	WASECA SAND	105.7	85	5	85.4	73.8	11.6	36.6	0.531	0.002	480	3.50	20.0	40.0	0.579	687	CRET	1974
HATTON	MEDICINE HAT SAND (AGREEMENT AREA)	2,387.1	75	5	1,700.8	1,164.2	538.6	35.4	91.406	0.325	16,641	2.96	21.0	50.0	0.575	477	CRET.	1953
	MEDICINE HAT SAND (NON-UNIT)	22,271.5	80	5	16,926.3	8,795.9	26,327.9	35.4	107.590	0.341	167,866	3.01	19.1	50.0	0.575	477	CRET	1953
	MILK RIVER	78,983.5	68	5	51,023.3	16,515.5		35.4	582.826	1.792	237,986	8.90	18.0	45.0	0.574	335	CRET.	1953
	MILK RIVER-MEDICINE HAT	--	--	--	--	16,310.3		35.4	1,301.650	4.250	--	--	--	--	0.574	335	CRET	1953
HILLMOND	COLONY SAND	114.8	80	5	87.2	57.1	30.1	36.4	4.632	0.016	475	5.00	25.0	40.0	0.571	430	CRET	1960
	LLOYDMINSTER SAND	118.2	85	5	95.4	80.4	15.0	36.5	1.506	0.013	388	3.50	30.0	30.0	0.570	528	CRET	1960
HOOSIER	VIKING (NON-UNIT)	35.1	60	5	20.0	20.0	0.0	37.3	0.000	0.000	259	1.30	23.0	32.0	0.600	732	CRET.	1953
	VIKING (UNIT)	4,643.2	75	5	3,308.3	2,917.8	390.5	37.3	52.928	0.166	12,468	3.32	23.0	32.0	0.600	732	CRET.	1953
HOOSIER SOUTH	BAKKEN SAND	454.3	75	5	323.7	224.3	99.4	37.0	55.428	0.246	1,040	3.00	25.0	30.0	0.564	863	MISS.	1997
HORSHAM	RIBSTONE CREEK SAND	283.2	60	5	161.4	69.0	92.4	35.9	27.646	0.093	1,935	4.00	30.0	25.0	0.569	231	CRET	1983
INGEBRIGT	MILK RIVER	9,970.6	77	5	7,293.5	4,842.7	2,450.8	35.4	362.434	1.006	42,994	6.95	16.0	45.0	0.574	414	CRET	1970

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M³	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/01	REMAINING RESERVES DEC 31/01	HEATING VALUE MAJ/M³	2001 PRODUCTION YEARLY TOTAL	2001 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE POROSITY %	WATER SAT %	SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					------ MILLION CUBIC METRES ------				--- MILLION M³ ---									
KINDERSLEY	VIKING SAND	434.2	70	5	288.7	270.3	18.4	36.7	2.740	0.008	2,590	2.10	18.3	40.0	0.579	687	CRET	1980
LASHBURN	MCLAREN SAND	308.1	80	5	234.2	208.4	25.8	35.8	6.068	0.018	1,239	3.05	35.0	30.0	0.596	476	CRET	1960
LIEBENTHAL	MILK RIVER	4,237.1	65	5	2,616.4	1,601.8	1,014.6	35.4	163.508	0.543	41,181	2.95	16.0	45.0	0.578	396	CRET	1974
LLOYDMINSTER	COLONY SAND	321.9	80	5	244.6	236.8	7.8	34.4	5.642	0.054	1,295	4.25	25.0	30.0	0.568	518	CRET	1935
LLOYDMINSTER NORTH	COLONY SAND	22.6	75	5	16.1	13.7	2.4	34.4	0.000	0.000	259	1.52	25.0	30.0	0.586	502	CRET	1952
LLOYDMINSTER SOUTH	COLONY SAND	12.0	85	5	9.7	8.5	1.2	34.4	0.165	0.001	85	3.20	25.0	53.0	0.595	521	CRET	1946
LOON LAKE	COLONY SAND	71.5	60	5	40.8	38.6	2.2	36.0	0.674	0.019	750	3.20	29.0	50.0	0.570	282	CRET	1985
LOVERNA NORTH	BAKKEN SAND	275.2	80	5	209.2	184.1	25.1	39.3	2.986	0.014	258	0.90	20.4	37.5	0.578	831	MISS	1989
	MANNVILLE SAND	256.7	80	5	195.1	155.3	39.8	27.3	2.691	0.020	841	3.50	24.4	56.0	0.578	788	CRET	1973
LOVERNA SOUTH	BAKKEN SAND	467.7	75	5	333.2	319.8	13.4	37.4	1.948	0.006	1,613	2.08	20.2	21.0	0.580	826	MISS	1973
	VIKING SAND	372.1	80	5	282.8	275.1	7.7	37.9	0.571	0.009	2,300	2.80	22.5	53.0	0.592	689	CRET	1973
LOVERNA WEST	BAKKEN SAND	232.3	75	5	165.5	165.5	0.0	39.1	0.000	0.000	522	5.00	17.0	40.0	0.605	844	MISS	1980
LUSELAND	VIKING SAND	948.3	30	5	270.3	146.1	124.2	37.9	12.813	0.059	15,175	1.25	18.0	50.0	0.590	600	CRET	1973
MAKWA	MANNVILLE SAND	541.4	75	5	385.7	310.9	74.8	36.1	21.568	0.071	3,626	3.50	29.5	40.0	0.572	306	CRET	1984
MARENGO	VIKING SAND	118.9	60	5	67.8	61.5	6.3	36.3	0.347	0.002	518	1.89	25.0	35.0	0.578	728	CRET	1954
MERRYFLAT	SECOND WHITE SPECKS	768.7	55	5	401.6	279.9	121.7	36.3	11.364	0.031	3,367	3.36	20.8	50.0	0.575	1,005	CRET	1971
MILTON	VIKING SAND	1,107.9	85	5	894.6	866.6	28.0	37.3	6.581	0.032	5,181	1.74	25.0	32.0	0.604	732	CRET	1954
MONCHY	SECOND WHITE SPECKS	278.9	50	5	132.5	22.9	109.6	36.1	6.944	0.020	2,331	2.50	18.0	50.0	0.578	585	CRET	1976
MUDIE LAKE	COLONY SAND	1,286.2	80	5	977.5	776.2	201.3	36.0	50.420	0.168	6,160	4.14	28.8	35.0	0.571	389	CRET	1971
PARADISE HILL	COLONY SAND	271.8	80	5	206.6	147.7	58.9	35.7	16.426	0.063	2,134	2.70	27.0	45.0	0.579	411	CRET	1988
	WASECA SAND	116.7	80	5	88.7	78.6	10.1	36.0	9.761	0.030	650	2.85	30.0	32.5	0.575	459	CRET	1990
PECK LAKE	COLONY SAND	2,343.2	85	5	1,892.1	1,573.2	318.9	36.1	112.249	0.329	9,583	5.15	30.5	48.0	0.574	443	CRET	1969
PECK LAKE NORTH	SECOND WHITE SPECKS	204.5	75	5	145.7	75.0	70.7	36.1	30.885	0.090	1,760	2.00	34.0	50.0	0.574	298	CRET	1989
PECK LAKE SOUTH	SECOND WHITE SPECKS	242.8	80	5	184.5	97.6	86.9	36.1	12.249	0.035	2,202	2.25	25.0	45.0	0.574	319	CRET	1986
PIERCELAND	MANNVILLE SAND	1,582.3	93.5	5	1,405.5	1,405.5	0.0	36.5	0.000	0.000	3,821	9.27	35.0	40.0	0.564	272	CRET	1969
PIERCELAND WEST	COLONY SAND	278.3	70	5	185.1	149.6	35.5	37.4	8.519	0.034	1,783	4.60	29.6	52.0	0.558	308	CRET	1983
PRAIRIEDALE EAST	VIKING SAND	555.5	60	5	316.6	128.5	188.1	37.3	19.914	0.132	5,050	1.80	18.0	50.0	0.600	700	CRET	1978
PRIMATE	MANNVILLE SAND	140.0	85	5	113.1	105.3	7.8	36.8	1.809	0.011	440	4.00	28.0	48.0	0.570	747	CRET	1989
PRIMROSE LAKE	MANNVILLE SAND	874.6	65	5	706.2	443.9	262.3	36.3	20.390	0.057	3,890	8.22	28.0	40.0	0.568	277	CRET	1990
PRIMROSE LAKE EAST	MANNVILLE SAND	1,089.6	85	5	879.9	727.8	152.1	36.3	47.091	0.136	5,113	8.00	30.0	30.0	0.575	277	CRET	1991
REX	LLOYDMINSTER SAND	182.1	80	5	138.4	137.5	0.9	36.1	0.113	0.002	525	4.00	30.0	30.0	0.570	521	CRET	1980
SALVADOR	MANNVILLE SAND	250.1	75	5	178.2	103.7	74.5	36.9	4.409	0.012	580	4.63	28.7	41.7	0.566	731	CRET	1980
SENATE	SECOND WHITE SPECKS	1,071.0	60	5	610.5	530.5	80.0	35.6	6.317	0.018	5,439	2.17	23.0	40.0	0.578	808	CRET	1971
SENLAC	MCLAREN SAND	342.0	80	5	259.9	182.1	77.8	36.5	29.946	0.102	1,659	2.20	27.0	30.0	0.577	686	CRET	1993
	SPARKY SAND	473.1	85	5	382.0	332.3	49.7	36.0	13.382	0.059	1,813	3.00	28.0	40.0	0.580	697	CRET	1967
SPRUCE LAKE	MANNVILLE SAND	2.6	65	5	1.6	1.6	0.0	36.5	0.000	0.000	32	1.68	28.0	40.0	0.571	458	CRET	1981
SPRUCE LAKE NORTH	COLONY SAND	94.8	75	5	67.5	60.0	7.5	36.0	1.228	0.003	760	3.40	27.7	35.0	0.570	427	CRET	1985

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M³	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/01	REMAINING RESERVES DEC 31/01	HEATING VALUE MAJ/M³	2001 PRODUCTION YEARLY TOTAL	2001 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					—— MILLION CUBIC METRES ——				— MILLION M³ —									
SUPERB	BAKKEN SAND (NON-UNIT)	1.8	70	5	1.2	1.2	0.0	37.1	0.000	0.000	7	2.50	19.4	30.0	0.600	798	MISS	1965
SUPERB	BAKKEN SAND (VOL UNIT NO. 1)	441.2	85	5	356.3	287.3	69.0	37.1	3.719	0.011	648	4.62	26.0	25.0	0.600	798	MISS	1965
TANGLEFLAGS	COLONY SAND	1,331.5	75	5	948.7	732.6	216.1	35.9	19.542	0.063	2,331	6.30	33.5	15.0	0.600	488	CRET	1965
	MCLAREN SAND (NON-UNIT)	1,120.9	85	5	905.1	612.5	292.6	35.6	18.707	0.057	2,616	5.50	31.0	25.0	0.591	475	CRET	1965
	SECOND WHITE SPECKS	186.0	85	5	150.2	127.1	23.1	36.1	3.243	0.010	1,700	1.80	32.0	40.0	0.591	286	CRET	1965
	ST. WALBURG SAND	121.2	75	5	86.4	68.9	17.5	35.8	1.743	0.005	700	2.50	33.0	40.0	0.581	315	CRET	1965
TOTNES	VIKING SAND (NON-UNIT)	116.3	60	5	66.3	11.9	54.4	35.5	0.325	0.003	388	2.71	25.0	40.0	0.584	613	CRET	1969
	VIKING SAND (VOLUNTARY UNIT)	465.7	85	5	376.1	348.7	27.4	35.5	2.240	0.006	1,554	2.71	25.0	40.0	0.584	613	CRET	1969
UNITY SOUTH	SPARKY SAND	44.2	85	5	35.7	35.7	0.0	35.2	0.000	0.000	319	2.24	28.0	55.0	0.590	606	CRET	1985
UNITY SOUTH	UNITY SAND	312.3	90	5	267.0	267.0	0.0	33.6	0.000	0.000	880	3.05	26.0	20.0	0.600	632	CRET	1944
	VIKING SAND	73.9	65	5	45.6	39.7	5.9	37.4	0.648	0.007	777	1.22	21.6	35.0	0.600	503	CRET	1945
VERENDRYE NORTH	VIKING SAND (VOL UNIT)	177.8	80	5	135.1	119.1	16.0	36.7	6.457	0.018	1,036	1.44	25.0	30.0	0.579	694	CRET	1972
VIDORA	BEAR PAW SAND	465.2	60	5	265.2	87.5	492.6	35.9	20.795	0.085	7,760	2.50	30.0	30.0	0.587	229	CRET	1996
	BELLY RIVER SAND	446.6	60	5	254.6	35.3		35.8	14.837	0.052	5,041	3.40	30.0	30.0	0.587	260	CRET	1998
	BEARPAW-BELLY RIVER SANDS	–	–	–	–	79.4		35.9	14.540	0.046	–	–	–	–	0.587	245	CRET	1996
WHEAT VALLEY	CANTUAR SAND	139.2	50	5	66.1	66.1	0.0	37.9	0.000	0.000	630	2.10	20.8	38.5	0.580	950	CRET	1973
WHELAN	MANNVILLE SAND	484.7	85	5	391.4	275.9	115.5	36.7	11.107	0.031	1,814	5.95	31.0	45.0	0.565	407	CRET	1989
	ST. WALBURG SAND	123.1	85	5	99.4	89.5	9.9	36.5	4.784	0.013	1,425	1.88	30.5	45.0	0.569	321	CRET	1989
WHITESIDE	RIBSTONE CREEK SAND (VOL UNIT)	652.9	85	5	527.2	515.6	11.6	37.4	4.244	0.012	2,987	4.41	35.0	30.0	0.568	229	CRET	1982
WHITESIDE WEST	RIBSTONE CREEK SAND	114.2	80	5	86.8	84.4	2.4	36.0	0.892	0.002	1,036	3.53	33.0	25.0	0.572	248	CRET	1984
	VIKING SAND	425.7	45	5	182.0	101.7	80.3	39.1	4.742	0.018	1,942	2.22	22.8	32.0	0.578	724	CRET	1956
WYMARK	SECOND WHITE SPECKS	2,408.3	65	5	1,485.9	444.9	1,041.0	34.4	190.381	0.701	16,447	2.00	18.0	40.0	0.598	884	CRET	1998
YONKER	COLONY SAND	49.3	85	5	39.8	34.9	4.9	35.8	1.347	0.004	259	2.30	30.0	40.0	0.600	565	CRET	1989
	MCLAREN SAND	68.7	85	5	55.5	37.3	18.2	35.9	5.265	0.016	388	2.00	28.0	30.0	0.600	575	CRET	1989
MISCELLANEOUS	ALIDA	48.9	–	–	39.5	37.6	1.9	39.9	0.000	0.000	193	–	–	–	–	–	MISS	–
	BAKKEN	4,119.5	–	–	3,167.8	1,424.3	1,743.5	37.8	171.341	0.701	8,245	–	–	–	–	–	MISS	–
	BASAL MANNVILLE	507.4	–	–	401.1	185.6	215.5	36.9	17.944	0.056	446	–	–	–	–	–	CRET	–
	BEARPAW	84.6	–	–	48.5	2.8	45.7	35.9	1.358	0.010	709	–	–	–	–	–	CRET	–
	BELLY RIVER	820.5	–	–	495.8	205.6	290.2	36.1	15.664	0.054	5,432	–	–	–	–	–	CRET	–
	CANTUAR	343.5	–	–	261.6	181.3	80.3	35.2	12.990	0.069	1,341	–	–	–	–	–	CRET	–
	COLONY	12,233.2	–	–	9,174.1	5,645.2	3,528.9	34.4	510.984	1.988	51,671	–	–	–	–	–	CRET	–
	CUMMINGS	370.1	–	–	277.3	188.2	89.1	36.6	17.121	0.100	1,607	–	–	–	–	–	CRET	–
	GENERAL PETROLEUM	316.7	–	–	242.2	142.5	99.7	36.1	13.884	0.083	1,276	–	–	–	–	–	CRET	–
	LLOYDMINSTER	1,244.9	–	–	988.4	624.5	363.9	34.4	55.846	0.186	3,980	–	–	–	–	–	CRET	–
	MANNVILLE	8,172.8	–	–	6,219.4	2,869.2	3,350.2	37.4	352.286	1.465	20,507	–	–	–	–	–	CRET	–
	MCLAREN	3,698.9	–	–	2,784.6	2,067.7	716.9	34.4	95.200	0.398	17,004	–	–	–	–	–	CRET	–
	MEDICINE HAT	15.9	–	–	11.6	0.0	11.6	35.4	0.000	0.000	192	–	–	–	–	–	CRET	–

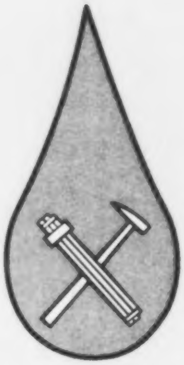
NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE	RECOVERY FACTOR	SURF LOSS	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/01	REMAINING RESERVES DEC 31/01	HEATING VALUE	2001 PRODUCTION YEARLY TOTAL	2001 PRODUCTION DAILY AVERAGE	DEVELOPED AREA	NET PAY	AVE POROSITY	WATER SAT	SPECIFIC GRAVITY	PRODUCING DEPTH	SYSTEM	DISCOVERY YEAR
		MILLION M^3	%	%	------- MILLION CUBIC METRES -------			MAJ/M^3	--- MILLION M^3 ---		HECTARES	M	%	%		M		
MISCELLANEOUS	MILK RIVER	3,499.3	--	--	2,035.9	3.8	2,032.1	35.9	1.142	0.014	3,008	--	--	--	--	--	CRET	--
	REX	982.8	--	--	740.5	423.9	316.6	34.4	80.198	0.314	5,384	--	--	--	--	--	CRET	--
	RIBSTONE CREEK	1,056.3	--	--	736.4	396.0	340.4	34.4	10.290	0.037	14,202	--	--	--	--	--	CRET	--
	ROSERAY	299.7	--	--	222.4	152.0	70.4	37.4	3.003	0.034	693	--	--	--	--	--	CRET	--
	SECOND WHITE SPECKS	1,238.2	--	--	857.5	213.4	644.1	35.4	37.210	0.125	5,904	--	--	--	--	--	CRET	--
	SPARKY	2,043.1	--	--	1,538.3	868.3	670.0	34.4	87.327	0.430	9,616	--	--	--	--	--	CRET	--
	SPINNEY HILL	65.6	--	--	43.5	8.4	35.1	32.0	2.380	0.017	786	--	--	--	--	--	CRET	--
	ST. WALBURG	1,183.7	--	--	861.2	548.4	312.8	35.2	65.502	0.210	11,070	--	--	--	--	--	CRET	--
	SUCCESS	1,362.7	--	--	1,057.7	379.6	678.1	38.0	63.174	0.192	2,422	--	--	--	--	--	PRE-CRET	--
	UPPER SHAUNAVON	618.0	--	--	486.9	428.7	58.2	36.0	7.105	0.081	738	--	--	--	--	--	JURA	--
	VIKING	4,647.6	--	--	3,160.6	836.6	2,324.0	37.4	119.313	0.460	15,881	--	--	--	--	--	CRET	--
	WASECA	1,600.0	--	--	1,201.2	587.1	614.1	34.2	89.609	0.370	7,069	--	--	--	--	--	CRET	--
	WINNIPEG SAND	32.1	--	--	24.4	5.3	19.1	34.4	2.349	0.042	8	--	--	--	--	--	ORDO	--
	TOTAL NON-ASSOCIATED	**277,223.9**			**192,264.4**	**123,877.2**	**68,562.2**		**6,729.819**	**23.506**								
ASSOCIATED GAS RESERVES																		
ABERFELDY	SPARKY SAND	105.5	80	5	80.2	62.7	17.5	34.4	0.000	0.000	678	2.44	25.0	30.0	0.595	529	CRET	1958
ALIDA EAST	FROBISHER-ALIDA	688.4	55	5	359.7	160.7	199.0	45.0	0.000	0.000	656	5.79	18.1	20.0	0.700	1,116	MISS	1954
ALIDA WEST	ALIDA	81.4	85	5	65.7	0.0	65.7	45.0	0.000	0.000	214	3.05	14.3	31.0	0.700	1,137	MISS	1955
AVON HILL	VIKING SAND	10.5	80	5	8.0	0.0	8.0	37.4	0.000	0.000	40	2.13	25.0	30.0	0.600	678	CRET	1959
BIG GULLY	MCLAREN SAND	67.2	80	5	51.1	29.5	21.6	36.0	2.104	0.006	518	5.00	24.0	30.0	0.579	476	CRET	1962
BIG GULLY	WASECA SAND	25.4	80	5	19.3	16.9	2.4	36.0	0.000	0.000	259	2.00	25.0	30.0	0.586	508	CRET	1962
BUFFALO COULEE	BAKKEN SAND	3.5	60	5	2.0	2.0	0.0	37.2	0.000	0.000	8	3.09	23.0	25.0	0.565	808	MISS	1953
CANTUAR EAST	CANTUAR SAND	915.8	90	3	799.5	569.3	230.2	37.4	0.000	0.000	1,635	4.40	24.3	42.4	0.599	960	CRET	1957
COSINE LAKE	LLOYDMINSTER SAND	170.7	66	5	107.0	98.2	8.8	34.4	5.653	0.016	483	2.92	30.0	35.0	0.600	770	CRET	1972
DEE VALLEY	WASECA SAND	75.4	70	5	50.1	0.0	50.1	37.2	0.000	0.000	863	1.50	30.0	30.0	0.597	460	CRET	1967
EPPING	SPARKY SAND	6.9	80	5	5.2	2.6	2.6	34.4	0.000	0.000	65	2.00	25.0	40.0	0.609	610	CRET	1967
EUREKA	VIKING SAND	13.5	80	5	10.3	9.9	0.4	40.7	0.152	0.001	70	2.01	22.4	35.0	0.622	689	CRET	1954
HOOSIER	BAKKEN SAND	203.8	90	5	174.2	164.2	10.0	37.9	2.532	0.103	480	3.05	25.0	36.0	0.576	852	MISS	1972
LASHBURN	WASECA SAND	16.8	80	5	12.8	3.1	9.7	34.4	0.000	0.000	64	4.51	25.0	30.0	0.592	498	CRET	1966
LONE ROCK	SPARKY SAND	0.3	70	5	0.2	0.2	0.0	34.4	0.000	0.000	4	2.00	20.0	50.0	0.600	580	CRET	1947
MANTARIO NORTH	BASAL MANNVILLE SAND	31.0	80	5	23.6	0.1	23.5	36.9	0.000	0.000	64	2.30	32.0	20.0	0.584	906	CRET	1994
MARSDEN SOUTH	SPARKY SAND	93.5	50	5	44.4	22.4	22.0	34.4	0.000	0.000	518	2.04	30.0	35.0	0.600	625	CRET	1979
NORTH HOOSIER	BAKKEN SAND	10.8	85	5	8.7	4.0	4.7	37.7	0.000	0.000	83	1.52	20.0	25.0	0.600	831	MISS	1960
NOTTINGHAM	ALIDA	304.3	90	5	260.2	0.0	260.2	45.0	0.000	0.000	354	6.10	16.7	34.0	0.700	1,081	MISS	1956

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES — MILLION CUBIC METRES —	CUMULATIVE PRODUCTION DEC 31/01 — MILLION CUBIC METRES —	REMAINING RESERVES DEC 31/01 — MILLION CUBIC METRES —	HEATING VALUE MAJ/M^3	2001 PRODUCTION YEARLY TOTAL — MILLION M^3 —	2001 PRODUCTION DAILY AVERAGE — MILLION M^3 —	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
SEWARD	SUCCESS SAND	2.4	70	3	1.6	0.2	1.4	38.0	0.090	0.001	18	1.50	20.0	30.0	0.598	990	PRE-CRET	1998
SILVERDALE	SPARKY SAND	16.3	60	5	12.4	12.4	0.0	34.4	0.000	0.000	78	3.05	25.0	30.0	0.596	573	CRET	1965
SMILEY-DEWAR	VIKING SAND	15.8	85	5	12.8	11.9	0.9	38.3	0.000	0.000	65	2.29	25.5	32.0	0.608	694	CRET	1973
TANGLEFLAGS	SPARKY SAND	4.2	75	5	3.0	3.0	0.0	34.4	0.000	0.000	22	3.04	25.0	30.0	0.585	511	CRET	1989
WILLMAR NORTH	FROBISHER-ALIDA	20.3	80	5	15.4	14.1	1.3	45.0	0.764	0.002	48	6.00	12.0	50.0	0.700	1,206	MISS	1993
	TOTAL ASSOCIATED	2,883.7			2,127.4	1,187.4	940.0		11.295	0.129								
DISSOLVED GAS RESERVES																		
	AREA I				334.7	175.0	159.7		26.610	0.073								
	AREA II				5,414.2	3,596.9	1,817.3		302.882	0.830								
	AREA III				1,436.8	882.4	554.4		44.351	0.122								
	AREA IV				11,149.0	7,984.7	3,164.3		316.427	0.867								
	TOTAL DISSOLVED				18,334.7	12,639.0	5,695.7		690.270	1.892								
	PROVINCIAL TOTALS	280,107.6			212,726.5	137,703.6	75,197.9		7,431.384	23.527								

OIL AND GAS UNITS AND ENHANCED RECOVERY PROJECTS



OIL AND GAS UNITS AND ENHANCED RECOVERY PROJECTS

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
AREA I					
ABERFELDY UNIT	HUSKY	SPARKY	12-1-62	5-1-66	WATERFLOOD (SUSPENDED) IN-SITU WET COMB. (SUSP.) STEAMFLOOD (SUSPENDED)
BEACON HILL MANNVILLE VOLUNTARY GAS UNIT	NEXEN CANADA	COLONY & MCLAREN	5-1-95	–	–
BIG GULLY VOLUNTARY UNIT NO. 1	HUSKY	WASECA & MCLAREN	10-1-70	1-1-71	WATERFLOOD (SUSPENDED)
GOLDEN LAKE VOLUNTARY UNIT	PETROVERA	SPARKY & WASECA	1-1-71	6-1-91	WATERFLOOD (SUSPENDED)
GOLDEN LAKE SOUTH VOLUNTARY UNIT	PETROVERA	SPARKY & WASECA	6-1-91	–	WATERFLOOD (SUSPENDED)
GULLY LAKE WASECA VOLUNTARY UNIT NO. 1	HUSKY	WASECA	8-1-71	–	WATERFLOOD (SUSPENDED)
LASHBURN WASECA VOLUNTARY UNIT	HUSKY	WASECA	4-1-68	6-1-71	WATERFLOOD (SUSPENDED)
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	SPARKY	11-1-85	–	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2	NEXEN CANADA	SPARKY	7-1-89	9-1-92	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3	PENN WEST	SPARKY	4-1-90	–	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	NEXEN CANADA	SPARKY	7-1-97	–	WATERFLOOD
NORTH DULWICH SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	10-1-70	–	WATERFLOOD (SUSPENDED)
NORTHMINSTER SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	3-1-70	9-1-70	WATERFLOOD (SUSPENDED)
SOUTH ABERFELDY SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	6-1-69	5-1-70	WATERFLOOD (SUSPENDED)
SOUTH EPPING UNIT NO. 1	PETROVERA	SPARKY & G.P.	2-1-66	9-1-67	WATERFLOOD
SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	PETROVERA	SPARKY	1-1-72	7-1-73	WATERFLOOD
TANGLEFLAGS VOLUNTARY UNIT NO. 2	CAN. NATURAL	LLOYDMINSTER	3-1-81	–	WATERFLOOD
TANGLEFLAGS VOLUNTARY UNIT NO. 4	HUSKY	LLOYDMINSTER	1-1-91	–	WATERFLOOD (SUSPENDED)
AREA II					
AVON HILL VIKING VOLUNTARY UNIT	K-TOWN HOLDINGS	VIKING	8-1-85	–	WATERFLOOD (SUSPENDED)
BAYHURST VIKING VOLUNTARY GAS UNIT	TRANSGAS	VIKING	11-1-66	–	GAS STORAGE
BROCK VIKING SAND GAS UNIT	RACING RES.	VIKING	3-1-54	–	–
CACTUS LAKE VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5-1-88	–	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 2	NEXEN CANADA	BAKKEN	6-1-88	–	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 3	NEXEN CANADA	BAKKEN	7-1-00	–	WATERFLOOD
CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	12-1-93	–	SAGD PROCESS
COLEVILLE-SMILEY VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	7-1-55	4-1-72	–
COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT	PETROVERA	BAKKEN	3-1-88	8-1-97	WATERFLOOD
COURT BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5-1-88	1-1-94	WATERFLOOD
DODSLAND VIKING GAS VOLUNTARY UNIT	TRUE ENERGY	VIKING	11-1-67	1-1-70	–
EAGLE LAKE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	10-1-66	–	WATERFLOOD
EAST DODSLAND VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
GLENEATH UNIT	ENERPLUS	VIKING	6-1-66	10-1-67	WATERFLOOD
GLENEATH SOUTH VIKING VOLUNTARY UNIT	ISH ENERGY	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
HOOSIER BAKKEN SAND VOL. UNIT NO. 1	PENN WEST	BAKKEN	3-1-81	–	WATERFLOOD
HOOSIER VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	8-1-57	–	–
KIYIU LAKE VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	12-1-85	–	–
KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2	ACCLAIM ENERGY	VIKING	1-1-88	–	WATERFLOOD
LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	6-1-71	–	–
MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1	CONOCOPHILLIPS	BASAL MANNVILLE	9-1-96	4-1-00	WATERFLOOD
MANTARIO NORTH BASAL MANNVILLE VOLUNTARY UNIT NO. 1	CONOCOPHILLIPS	BASAL MANNVILLE	2-1-96	–	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	6-1-85	–	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2	ULTIMA VENTURES	VIKING	1-1-89	–	–
NORTH EUREKA UNIT	ULTIMA VENTURES	VIKING	9-1-65	12-1-71	WATERFLOOD
NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	PENN WEST	BAKKEN	7-1-70	8-1-73	WATERFLOOD
NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	FRASER	MANNVILLE	1-1-69	5-1-80	WATERFLOOD

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/01 PROD.	ACTIVE WELLS 12/01 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/01 m3/DAY	UNIT NAME
						AREA I
MANNVILLE	INV. 9-SPOT & 5-SPOT	1	–	05-64	–	ABERFELDY UNIT
GLACIAL DRIFT	INV. 9-SPOT & 5-SPOT	–	–	07-69	–	
SURFACE WATER	INV. 9-SPOT	–	–	02-81	–	
	–	29	–	–	–	BEACON HILL MANNVILLE VOLUNTARY GAS UNIT
DINA	5-SPOT	12	–	10-70	–	BIG GULLY VOLUNTARY UNIT NO. 1
DINA	MOD. 9-SPOT	24	–	04-71	–	GOLDEN LAKE VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	60	–	01-92	–	GOLDEN LAKE SOUTH VOLUNTARY UNIT
DINA	INV. & MOD. 9-SPOT	2	–	07-71	–	GULLY LAKE WASECA VOLUNTARY UNIT NO. 1
DINA	5-SPOT	19	–	–	–	LASHBURN WASECA VOLUNTARY UNIT
DINA	INV. 9-SPOT	25	18	12-85	5 229	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1
DINA	INV. 5-SPOT	23	11	08-89	2 646	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2
DINA	INV. 5-SPOT	8	5	04-90	795	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3
DINA	PART. INV. 9-SPOT	11	2	03-97	203	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4
GLACIAL DRIFT	–	0	–	10-70	–	NORTH DULWICH SPARKY VOLUNTARY UNIT
DINA	5-SPOT	1	–	10-70	–	NORTHMINSTER SPARKY VOLUNTARY UNIT
DINA	5-SPOT	4	–	09-69	–	SOUTH ABERFELDY SPARKY VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	38	17	08-66	572	SOUTH EPPING UNIT NO. 1
DINA	INV. 9-SPOT	21	12	03-72	270	SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1
SURFACE WATER	INV. 9-SPOT	6	5	08-81	332	TANGLEFLAGS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PART. INV. 9-SPOT	7	–	04-91	–	TANGLEFLAGS VOLUNTARY UNIT NO. 4
						AREA II
–	–	56	–	12-85	–	AVON HILL VIKING VOLUNTARY UNIT
–	–	–	–	–	–	BAYHURST VIKING VOLUNTARY GAS UNIT
–	–	3	–	–	–	BROCK VIKING SAND GAS UNIT
RIBSTONE CREEK	INV. 9-SPOT	11	4	06-88	293	CACTUS LAKE VOLUNTARY UNIT NO. 1
RIBSTONE CREEK	INV. 9-SPOT	87	36	06-88	4 963	CACTUS LAKE VOLUNTARY UNIT NO. 2
RIBSTONE CREEK	INV. 9-SPOT	8	6	07-00	692	CACTUS LAKE VOLUNTARY UNIT NO. 3
RIBSTONE CREEK	N/A	25	–	04-97	–	CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1
–	–	40	–	–	–	COLEVILLE-SMILEY VIKING SAND GAS UNIT
BELLY RIVER	PERIPHERAL	71	27	01-88	2 284	COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT
RIBSTONE CREEK	INV. 9-SPOT	24	16	06-88	4 555	COURT BAKKEN SAND VOLUNTARY UNIT NO. 1
–	–	12	–	–	–	DODSLAND VIKING GAS VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	307	48	01-67	257	EAGLE LAKE VIKING VOLUNTARY UNIT
DEADWOOD	5-SPOT	205	–	10-85	–	EAST DODSLAND VIKING VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	165	48	10-66	313	GLENEATH UNIT
BELLY RIVER	INV. 9-SPOT	5	–	07-85	–	GLENEATH SOUTH VIKING VOLUNTARY UNIT
PRODUCED WATER	PERIPHERAL	6	2	01-75	427	HOOSIER BAKKEN SAND VOL. UNIT NO. 1
–	–	27	–	–	–	HOOSIER VIKING SAND GAS UNIT
–	–	40	–	–	–	KIYIU LAKE VIKING VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	33	11	03-86	8	KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2
–	–	4	–	–	–	LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT
BELLY RIVER	PERIPHERAL	14	3	01-97	596	MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	62	12	02-96	4 131	MANTARIO NORTH BASAL MANNVILLE VOLUNTARY UNIT NO. 1
DEADWOOD	INV. 9-SPOT	101	30	12-85	291	NORTH DODSLAND VIKING VOLUNTARY UNIT
–	–	21	–	–	–	NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2
BELLY RIVER	INV. 9-SPOT	68	11	03-63	145	NORTH EUREKA UNIT
RIBSTONE CREEK	LINE DRIVE	12	4	08-70	1 100	NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT
LEA PARK	PERIPHERAL	15	7	12-66	1 033	NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	11-1-98	–	WATERFLOOD
PLATO VIKING VOLUNTARY UNIT NO. 1	RAMBO RESOURCES	VIKING	4-1-73	–	WATERFLOOD
PLOVER LAKE VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	7-1-93	–	–
SMILEY BAKKEN VOLUNTARY UNIT NO. 1	RAYLIN ENERGY	BAKKEN	10-1-01	–	WATERFLOOD
SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1	VIKING HOLDINGS	VIKING	9-1-93	–	–
SOUTH EUREKA UNIT	ISH ENERGY	VIKING	4-1-65	9-1-71	WATERFLOOD
SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1	NEXEN CANADA	BAKKEN	4-1-89	–	–
SUPERB NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	6-1-97	–	–
TOTNES VIKING GAS VOLUNTARY UNIT NO. 1	ULTIMA VENTURES	VIKING	1-1-71	–	–
VERENDRYE VIKING VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	9-1-90	–	–
WEST BAYHURST VIKING GAS VOLUNTARY UNIT	PROFICO ENERGY	VIKING	2-1-72	–	–
WHITESIDE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
WHITESIDE VICTORIA VOLUNTARY GAS UNIT	HUSKY	VICTORIA	1-1-68	–	–
AREA III					
ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	PRIMEWEST	UPPER SHAUNAVON	3-1-75	–	WATERFLOOD
BATTRUM NORTH VOLUNTARY UNIT NO. 1	STAR OIL & GAS	ROSERAY	7-1-93	12-1-94	WATERFLOOD
BATTRUM UNIT NO. 1	EXXONMOBIL	ROSERAY	10-1-64	6-1-69	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 2	EXXONMOBIL	ROSERAY	7-1-97	–	IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 3	EXXONMOBIL	ROSERAY	6-1-88	–	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM UNIT NO. 4	CAN. NATURAL	ROSERAY	6-1-66	–	WATERFLOOD
BATTRUM VOLUNTARY UNIT NO. 5	CAN. NATURAL	ROSERAY	3-1-90	–	WATERFLOOD
BENCH VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	8-1-90	–	WATERFLOOD
BEVERLEY UNIT NO. 1	HUSKY	UPPER & LOWER ROSERAY	5-1-66	–	WATERFLOOD
BEVERLEY VOLUNTARY UNIT NO. 2	HUSKY	ROSERAY	6-1-88	–	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6-1-88	–	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3	GALIANO RES.	CANTUAR	7-1-99	–	WATERFLOOD
BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6-1-88	–	WATERFLOOD
BONE CREEK UNIT	HUSKY	UPPER SHAUNAVON	7-1-60	–	WATERFLOOD/POLYMER
BUTTE VOLUNTARY UNIT	HUSKY	UPPER SHAUNAVON	1-1-71	2-1-72	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 1	PENN WEST	UPPER SHAUNAVON	5-1-92	7-1-94	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 2	PENN WEST	UPPER SHAUNAVON	6-1-93	9-1-95	WATERFLOOD
CANTUAR UNIT	HUSKY	CANTUAR & LOWER ROSERAY	10-1-59	–	WATERFLOOD
COVINGTON UNIT NO. 1	SHAWNEE	UPPER SHAUNAVON	7-1-69	–	WATERFLOOD
DELTA UNIT NO. 1	HUSKY	UPPER SHAUNAVON	4-1-66	6-1-69	WATERFLOOD
DELTA UNIT NO. 2	HUSKY	UPPER SHAUNAVON	8-1-69	–	WATERFLOOD
DELTA VOLUNTARY UNIT NO. 3	HUSKY	UPPER SHAUNAVON	12-1-86	–	WATERFLOOD
DOLLARD UNIT	TALISMAN	UPPER SHAUNAVON	9-1-55	7-1-72	WATERFLOOD
EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT	PRIMEWEST	CANTUAR	9-1-90	–	–
EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1	HUSKY	CANTUAR	8-1-78	–	–
EAST CANTUAR GAS UNIT	HUSKY	CANTUAR & ROSERAY	3-1-75	–	GAS STORAGE
EAST CANTUAR UNIT NO. 1	HUSKY	CANTUAR & ROSERAY	3-1-75	–	WATERFLOOD (CANTUAR & ROSERAY)
EAST CANTUAR UNIT NO. 2	HUSKY	ROSERAY & CANTUAR	3-1-75	–	WATERFLOOD (ROSERAY)
EAST DOLLARD VOLUNTARY UNIT	ENERMARK	UPPER SHAUNAVON	10-1-70	–	WATERFLOOD
FOSTERTON MAIN UNIT	HUSKY	ROSERAY	7-1-58	–	WATERFLOOD

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/01		DATE OF FIRST INJECTION	INJECTION RATE, 12/01 m3/DAY	UNIT NAME
		PROD.	INJ.			
BELLY RIVER	IRREGULAR	31	4	11-98	854	NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	40	1	01-73	3	PLATO VIKING VOLUNTARY UNIT NO. 1
–	–	10	–	–	–	PLOVER LAKE VOLUNTARY UNIT NO. 1
PRODUCED WATER	PERIPHERAL	11	–	01-02	–	SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1
–	–	52	–	–	–	SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1
LEA PARK & BELLY RIVER	INV. 9-SPOT	77	18	09-73	115	SOUTH EUREKA UNIT
–	–	1	–	–	–	SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1
–	–	0	–	–	–	SUPERB NORTH VOLUNTARY UNIT NO. 1
–	–	2	–	–	–	TOTNES VIKING GAS VOLUNTARY UNIT NO. 1
–	–	1	–	–	–	VERENDRYE VIKING VOLUNTARY GAS UNIT
–	–	1	–	–	–	WEST BAYHURST VIKING GAS VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	33	–	05-65	–	WHITESIDE VIKING VOLUNTARY UNIT
–	–	2	–	–	–	WHITESIDE VICTORIA VOLUNTARY GAS UNIT
						AREA III
ROSERAY	–	6	2	10-76	99	ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	14	3	08-93	1 015	BATTRUM NORTH VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL	68	20	03-62	7 823	BATTRUM UNIT NO. 1
–	–		0	10-66		
–	–	17	3	11-65	1 676	BATTRUM VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	25	6	12-66	1 145	BATTRUM UNIT NO. 3
–	–		0	08-67		
MANNVILLE	INV. 9-SPOT	11	7	08-66	1 842	BATTRUM UNIT NO. 4
MANNVILLE	–	1	1	05-90	197	BATTRUM VOLUNTARY UNIT NO. 5
MADISON	PERIPHERAL	4	2	09-90	61	BENCH VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	13	5	01-66	1 269	BEVERLEY UNIT NO. 1
MANNVILLE	PERIPHERAL	12	3	06-88	1 660	BEVERLEY VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	22	11	06-88	278	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1
ROSERAY	PERIPHERAL	7	1	09-99	4	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	26	9	06-88	310	BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & INV. 9-SPOT	21	14	05-60	1 196	BONE CREEK UNIT
ROSERAY	INV. 9-SPOT	37	9	11-70	614	BUTTE VOLUNTARY UNIT
MADISON	INV. 9-SPOT	13	3	06-92	136	BUTTE WEST VOLUNTARY UNIT NO. 1
MADISON	INV. 9-SPOT	7	1	08-93	164	BUTTE WEST VOLUNTARY UNIT NO. 2
BELLY RIVER	PERIPHERAL	127	33	08-60	22 694	CANTUAR UNIT
ROSERAY SAND	–	5	1	11-68	99	COVINGTON UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	12	9	12-65	1 207	DELTA UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	4	4	10-69	302	DELTA UNIT NO. 2
BELLY RIVER	PERIPHERAL	4	1	07-87	70	DELTA VOLUNTARY UNIT NO. 3
VIKING, BELLY RIVER & MANNVILLE	SEMI-PERIPHERAL	50	18	03-56	6 276	DOLLARD UNIT
–	–	14	–	–	–	EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT
–	–	0	–	–	–	EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1
–	–	–	–	–	–	EAST CANTUAR GAS UNIT
MANNVILLE	–	20	6	03-69	1 024	EAST CANTUAR UNIT NO. 1
MANNVILLE	–	15	4	01-76	568	EAST CANTUAR UNIT NO. 2
BELLY RIVER	PERIPHERAL	8	3	10-70	737	EAST DOLLARD VOLUNTARY UNIT
MANNVILLE	LINE DRIVE	33	16	06-56	11 767	FOSTERTON MAIN UNIT

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
FOSTERTON N.W. UNIT	LIBERTY OIL & GAS	ROSERAY	7-1-58	9-1-70	WATERFLOOD IN-SITU WET COMB. (SUSP.)
GARDEN HEAD VOLUNTARY UNIT NO. 1	PENN WEST	UPPER SHAUNAVON	6-1-94	–	WATERFLOOD
GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	5-1-72	–	WATERFLOOD
GULL LAKE NORTH SHAUNAVON POOL UNIT	HUSKY	UPPER SHAUNAVON	10-1-58	–	WATERFLOOD
GULL LAKE SOUTH VOLUNTARY UNIT NO. 1	ATHENA RESOURCES	UPPER SHAUNAVON	7-1-86	–	WATERFLOOD (SUSPENDED)
GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	5-1-72	–	WATERFLOOD (SUSPENDED)
HAZLET UNIT	LIBERTY OIL & GAS	ROSERAY	8-1-66	–	WATERFLOOD
ILLERBRUN VOLUNTARY UNIT	PENN WEST	UPPER SHAUNAVON	11-1-66	5-1-67	WATERFLOOD
INSTOW UNIT	TALISMAN	UPPER SHAUNAVON	10-1-59	–	WATERFLOOD
INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	PROVIDENT	UPPER SHAUNAVON	5-1-85	–	WATERFLOOD
JOHNSTON UNIT	HUSKY	BASAL CANTUAR UPPER SHAUNAVON	1-1-63	–	WATERFLOOD (BASAL CANTUAR)
LEITCHVILLE SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	SHAUNAVON	1-1-68	4-1-96	WATERFLOOD
NORTH PREMIER UNIT NO. 1	PRIMEWEST	ROSERAY & UPPER SHAUNAVON	10-1-64	–	WATERFLOOD (ROSERAY)
NORTH PREMIER UNIT NO. 2	HUSKY	PREMIER SAND	7-1-66	–	WATERFLOOD
NORTH PREMIER VOLUNTARY UNIT NO. 4	HUSKY	ROSERAY & UPPER SHAUNAVON	9-1-80	–	WATERFLOOD
NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	UPPER SHAUNAVON	11-1-72	–	WATERFLOOD
NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT	PURCELL ENERGY	UPPER SHAUNAVON	2-1-68	5-1-68	WATERFLOOD
PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	PENN WEST	UPPER SHAUNAVON	6-1-88	–	WATERFLOOD
RAPDAN UNIT	TALISMAN	UPPER SHAUNAVON	11-1-62	7-1-65	WATERFLOOD (POLYMER)
RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2	CANYON CREEK	UPPER SHAUNAVON	4-1-74	–	WATERFLOOD (SUSPENDED)
SOUTHWEST SUCCESS VOLUNTARY UNIT	SPITFIRE EXPL.	ROSERAY & CANTUAR	4-1-83	–	–
SUCCESS UNIT	HUSKY	ROSERAY & FOSTERTON	12-1-57	–	WATERFLOOD
SUCCESS ALPHA UNIT	HUSKY	ROSERAY	7-1-60	–	WATERFLOOD
SUCCESS MAIN UNIT	HUSKY	CANTUAR, ROSERAY & FOSTERTON	9-1-62	–	WATERFLOOD (ROSERAY)
SUCCESS NORTH ROSERAY VOLUNTARY UNIT	NATIONAL FUEL	ROSERAY	4-1-84	–	WATERFLOOD
SUFFIELD UNIT NO. 1	HUSKY	ROSERAY	7-1-66	4-1-72	WATERFLOOD
SUFFIELD UNIT NO. 2	HUSKY	UPPER SHAUNAVON	9-1-70	–	WATERFLOOD
SUFFIELD UNIT NO. 3	HUSKY	ROSERAY & UPPER SHAUNAVON	6-1-71	4-1-72	WATERFLOOD
VERLO ROSERAY SAND UNIT	HUSKY	ROSERAY	9-1-70	10-1-72	WATERFLOOD
WEST FOSTERTON VOLUNTARY UNIT	PENN WEST	ROSERAY	3-1-67	–	WATERFLOOD
AREA IV					
ALAMEDA CENTRAL UNIT	APF ENERGY	MIDALE	12-1-62	6-1-69	WATERFLOOD
ALAMEDA EAST UNIT	CAN. NATURAL	MIDALE	8-1-62	9-1-65	WATERFLOOD
ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	1-1-91	–	WATERFLOOD
ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 2	ATHENA RESOURCES	MIDALE	9-1-01	–	WATERFLOOD
ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1	ATHENA RESOURCES	MIDALE	12-1-84	–	WATERFLOOD
ALIDA UNIT	NAL RESOURCES	ALIDA	12-1-57	–	–
BENDER TILSTON VOLUNTARY UNIT NO. 1	NATIONAL FUEL	TILSTON	8-1-93	–	–
BENSON UNIT	TALISMAN	MIDALE	2-1-65	9-1-67	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1	NORTHROCK	MIDALE	11-1-67	6-1-68	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2	PARAMOUNT	MIDALE	12-1-89	–	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3	ARC (SASK)	MIDALE	10-1-93	–	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4	UPTON	MIDALE	9-1-94	–	WATERFLOOD
CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	1-1-72	–	–

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

		ACTIVE WELLS		DATE OF	INJECTION	
	INJECTION	12/01		FIRST	RATE, 12/01	
WATER SOURCE	PATTERN	PROD.	INJ.	INJECTION	m3/DAY	UNIT NAME
BELLY RIVER	–	5	3	03-57	874	FOSTERTON N.W. UNIT
–	–	–	–	03-70	–	
MADISON	INV. 5-SPOT	11	7	06-94	804	GARDEN HEAD VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & MOD. 9-SPOT	2	0	06-70	0	GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	–	27	6	08-56	1 242	GULL LAKE NORTH SHAUNAVON POOL UNIT
ROSERAY SAND	–	6	0	06-88	0	GULL LAKE SOUTH VOLUNTARY UNIT NO. 1
BELLY RIVER	–	1	0	05-72	0	GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	3	07-70	2 054	HAZLET UNIT
BELLY RIVER	–	6	2	04-66	840	ILLERBRUN VOLUNTARY UNIT
BELLY RIVER & RAVENSCRAG	PERIPHERAL	68	20	12-57	7 009	INSTOW UNIT
BELLY RIVER	–	15	5	12-85	368	INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT
SURFACE WATER	–	0	–	03-63	–	JOHNSTON UNIT
BELLY RIVER	–	19	7	07-64	127	LEITCHVILLE SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	7	3	07-64	1 087	NORTH PREMIER UNIT NO. 1
MANNVILLE	–	0	–	06-67	–	NORTH PREMIER UNIT NO. 2
MANNVILLE	PERIPHERAL	23	14	02-65	3 349	NORTH PREMIER VOLUNTARY UNIT NO. 4
MANNVILLE	–	7	1	02-73	28	NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	–	11	1	07-68	6	NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	3	1	06-88	131	PENNANT UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	49	32	11-62	1 722	RAPDAN UNIT
BELLY RIVER	PARTIAL 5-SPOT	7	1	04-74	67	RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	10	2	10-80	1 161	SOUTHWEST SUCCESS VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	16	11	08-58	6 244	SUCCESS UNIT
MANNVILLE	–	3	1	09-60	219	SUCCESS ALPHA UNIT
MANNVILLE	PERIPHERAL	10	5	09-56	1 530	SUCCESS MAIN UNIT
MANNVILLE	PERIPHERAL	16	3	06-82	972	SUCCESS NORTH ROSERAY VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	6	2	05-66	1 462	SUFFIELD UNIT NO. 1
BELLY RIVER	–	23	4	07-70	1 080	SUFFIELD UNIT NO. 2
BELLY RIVER	PERIPHERAL	12	8	06-70	1 666	SUFFIELD UNIT NO. 3
MANNVILLE	PERIPHERAL	18	11	06-65	8 644	VERLO ROSERAY SAND UNIT
BELLY RIVER & MANNVILLE	PERIPHERAL	5	5	04-67	1 366	WEST FOSTERTON VOLUNTARY UNIT
						AREA IV
MANNVILLE	INV. 9-SPOT	12	3	03-60	86	ALAMEDA CENTRAL UNIT
MANNVILLE	INV. 9-SPOT	42	15	12-62	640	ALAMEDA EAST UNIT
PRODUCED WATER	INV. 9-SPOT	9	2	03-91	16	ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 5-SPOT & 9-SPOT	9	2	09-01	89	ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	5	2	12-84	34	ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1
–	–	59	–	–	–	ALIDA UNIT
–	–	2	–	–	–	BENDER TILSTON VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	47	12	11-64	399	BENSON UNIT
MANNVILLE	INV. 9-SPOT	23	9	11-67	319	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9 SPOT	8	1	12-89	15	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	INV. 9-SPOT	8	1	11-93	47	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	–	4	1	10-94	28	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4
–	–	3	–	–	–	CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
CARNDUFF SOUTH MIDALE VOLUNTARY UNIT NO. 1	HUSKY	MIDALE	1-1-85	–	WATERFLOOD
CARNDUFF VOLUNTARY UNIT NO 1	CAN. NATURAL	MIDALE	12-1-70	–	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 2	ZARGON	MIDALE	10-1-90	–	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 3	ZARGON	MIDALE	2-1-93	–	WATERFLOOD (SUSPENDED)
CULLEN UNIT	HUMMINGBIRD	MIDALE	10-1-65	5-1-66	–
DOUGLASTON-FROBISHER BEDS UNIT	TALISMAN	FROBISHER	6-1-64	–	–
DOUGLASTON-MIDALE BEDS UNIT	TALISMAN	MIDALE	6-1-64	10-1-67	WATERFLOOD
EAST CARNDUFF UNIT	HUSKY	MIDALE	5-1-62	11-1-65	WATERFLOOD
ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	FROBISHER	12-1-69	–	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	6-1-90	–	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2	NEXEN CANADA	MIDALE	9-1-91	12-1-00	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	PENN WEST	RATCLIFFE	8-1-68	9-1-69	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	POSTELL	RATCLIFFE	11-1-89	–	WATERFLOOD
FLETWODE ALIDA VOLUNTARY UNIT	TALISMAN	ALIDA	10-1-68	5-1-93	–
FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	SILVER BAY	RATCLIFFE	6-1-88	7-1-90	WATERFLOOD
GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	TUNDRA	FROBISHER-ALIDA	11-1-72	–	WATERFLOOD (FROBISHER)
GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	ATHENA RES.	FROBISHER	6-1-90	–	WATERFLOOD
GLEN EWEN UNIT	ARC (SASK)	MIDALE	4-1-63	–	WATERFLOOD
HASTINGS FROBISHER UNIT	NEXEN CANADA	FROBISHER	7-1-71	–	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	1-1-70	–	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2	ENERMARK	FROBISHER	10-1-70	–	WATERFLOOD (SUSPENDED)
HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1	NORTHROCK	BAKKEN	6-1-88	–	WATERFLOOD
HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1	NORTHROCK	BIRDBEAR	12-1-68	–	–
HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	NORTHROCK	RATCLIFFE	12-1-68	–	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1	NEXEN CANADA	MIDALE	2-1-74	–	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	DUCE OIL	MIDALE	12-1-87	–	WATERFLOOD
HUNTOON NORTH FROBISHER BEDS VOLUNTARY UNIT NO. 1	ELK POINT	FROBISHER	7-1-96	–	–
INGOLDSBY MISSION CANYON VOLUNTARY UNIT	NEXEN CANADA	ALIDA	9-1-66	9-1-01	–
INGOLDSBY NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	ALIDA	9-1-95	–	–
INGOLDSBY WEST VOLUNTARY UNIT NO. 1	PROVIDENT	FROBISHER-ALIDA	7-1-94	–	–
KENOSEE TILSTON BEDS VOLUNTARY UNIT	PEMOCO LTD.	TILSTON	9-1-69	6-1-95	–
KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	NORTHROCK	FROBISHER-ALIDA	6-1-94	–	–
KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1	PROGRESS ENERGY	UPPER HASTINGS	4-1-74	–	–
LAKE ALMA VOLUNTARY UNIT	PENN WEST	RATCLIFFE	4-1-69	–	WATERFLOOD
LAMPMAN UNIT	CAN. NATURAL	MIDALE	3-1-64	10-1-67	WATERFLOOD
LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1-1-71	–	–
LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	MIDALE	3-1-93	7-1-96	WATERFLOOD
MACOUN MIDALE VOLUNTARY UNIT NO. 1	APF ENERGY	MIDALE	7-1-94	–	WATERFLOOD
MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1	CRESCENT POINT	L. WATROUS-ALIDA	5-1-96	4-1-00	WATERFLOOD
MIDALE UNIT	APACHE CANADA	MIDALE	8-1-62	9-1-67	WATERFLOOD & CO2
MIDALE EAST VOLUNTARY UNIT NO. 1	NEXEN CANADA	MIDALE	6-1-01	–	WATERFLOOD
MIDALE RED RIVER VOLUNTARY UNIT NO. 1	ANADARKO	RED RIVER	10-1-97	–	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 1	COMSTATE	MIDALE	7-1-87	–	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 2	NEXEN CANADA	MIDALE	8-1-89	–	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 3	NEXEN CANADA	MIDALE	5-1-01	–	WATERFLOOD
MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1	JAVA ENERGY	TILSTON	11-1-95	–	–
NORTH ALAMEDA UNIT	APF ENERGY	MIDALE	5-1-63	–	WATERFLOOD
NORTH CANTAL UNIT	NEXEN CANADA	ALIDA	1-1-66	4-1-69	–
NORTH CENTRAL WILLMAR VOLUNTARY UNIT	STAR OIL & GAS	FROBISHER-ALIDA	3-1-76	–	WATERFLOOD
NORTH DALESBORO UNIT NO 1	NEXEN CANADA	FROBISHER-ALIDA	12-1-70	–	WATERFLOOD
NORTHGATE MIDALE VOLUNTARY UNIT	SILVER BAY	MIDALE	1-1-84	5-1-90	WATERFLOOD (SUSPENDED)
NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1	APF ENERGY	ALIDA	11-1-93	–	–

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/01		DATE OF FIRST INJECTION	INJECTION RATE, 12/01 m3/DAY	UNIT NAME
		PROD.	INJ.			
PRODUCED WATER	INV. 9-SPOT	2	2	08-85	22	CARNDUFF SOUTH MIDALE VOLUNTARY UNIT
RAVENSCRAG	–	6	2	05-71	33	CARNDUFF VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	3	2	10-90	84	CARNDUFF MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	2	0	03-93	0	CARNDUFF MIDALE BEDS VOLUNTARY UNIT NO. 3
–	–	7	–	–	–	CULLEN UNIT
–	–	1	–	–	–	DOUGLASTON-FROBISHER BEDS UNIT
MANNVILLE	LINE DRIVE	6	8	06-64	215	DOUGLASTON-MIDALE BEDS UNIT
MANNVILLE	INV. 9-SPOT	45	12	07-62	802	EAST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	29	5	11-70	478	ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	4	1	07-90	20	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	10	8	09-91	524	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE & VIKING	INV. 9-SPOT	29	12	10-68	247	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
RAVENSCRAG	INV. 9-SPOT	4	1	12-89	8	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2
–	–	5	–	–	–	FLETWODE ALIDA VOLUNTARY UNIT
VIKING	PERIPHERAL	55	9	06-88	658	FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	–	8	1	08-73	157	GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	3	2	10-90	12	GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	21	1	10-63	117	GLEN EWEN UNIT
MANNVILLE	INV. 9-SPOT	10	2	10-67	271	HASTINGS FROBISHER UNIT
MANNVILLE	PERIPHERAL	18	6	11-66	417	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT & PERIPHERAL	1	0	11-66	0	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	2	2	06-96	51	HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1
–	–	3	–	–	–	HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1
MANNVILLE	–	13	6	12-67	648	HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	–	11	2	09-74	301	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	3	1	12-87	3	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2
–	–	4	–	–	–	HUNTOON NORTH FROBISHER BEDS VOLUNTARY UNIT NO. 1
–	–	49	–	–	–	INGOLDSBY MISSION CANYON VOLUNTARY UNIT
–	–	1	–	–	–	INGOLDSBY NORTH VOLUNTARY UNIT NO. 1
–	–	0	–	–	–	INGOLDSBY WEST VOLUNTARY UNIT NO. 1
–	–	22	–	–	–	KENOSEE TILSTON BEDS VOLUNTARY UNIT
–	–	7	–	–	–	KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
–	–	6	–	–	–	KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	3	06-70	390	LAKE ALMA VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	4	1	04-64	4	LAMPMAN UNIT
–	–	32	–	–	–	LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1
PRODUCED WATER	PERIPHERAL	46	10	06-97	2 316	LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	1	07-94	46	MACOUN MIDALE VOLUNTARY UNIT NO. 1
PRODUCED WATER	HZNTL. INJECTOR	3	2	05-96	257	MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	247	61	06-60	11 100	MIDALE UNIT
PRODUCED WATER	IRREGULAR	14	1	00-01	89	MIDALE EAST VOLUNTARY UNIT NO. 1
PRODUCED WATER	PERIPHERAL	6	2	10-97	283	MIDALE RED RIVER VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	1	08-87	21	MIDALE SOUTH VOLUNTARY UNIT NO. 1
MANNVILLE	IRREGULAR	7	7	08-89	188	MIDALE SOUTH VOLUNTARY UNIT NO. 2
MANNVILLE	IRREGULAR	5	4	09-01	200	MIDALE SOUTH VOLUNTARY UNIT NO. 3
–	–	3	–	–	–	MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	5	3	12-59	97	NORTH ALAMEDA UNIT
–	–	9	–	–	–	NORTH CANTAL UNIT
MANNVILLE	INV. 9-SPOT	8	1	11-76	214	NORTH CENTRAL WILLMAR VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	3	2	02-71	112	NORTH DALESBORO UNIT NO. 1
MANNVILLE	INV. 9-SPOT	13	0	07-84	0	NORTHGATE MIDALE VOLUNTARY UNIT
–	–	1	–	–	–	NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
NORTHWEST BENSON MIDALE VOLUNTARY UNIT	ATHENA RES.	MIDALE	2-1-85	–	WATERFLOOD (SUSPENDED)
NOTTINGHAM NORTH ALIDA BEDS UNIT	NAL RESOURCES	ALIDA	10-1-60	–	–
OUNGRE VOLUNTARY UNIT NO. 1	ARC (SASK)	OUNGRE	1-1-68	12-1-69	WATERFLOOD
PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1	STAR OIL & GAS	SOURIS VALLEY	9-1-97	–	–
PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1	PARAMOUNT	TILSTON-SOURIS V.	7-1-94	–	–
PINTO VOLUNTARY UNIT NO. 2	KENWOOD	MIDALE	11-1-91	–	WATERFLOOD
QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT	JEDI	KISBEY SAND	7-1-69	–	–
RALPH MIDALE BEDS VOLUNTARY UNIT	MIDALE	MIDALE	10-1-87	11-1-00	WATERFLOOD
RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	5-1-92	–	WATERFLOOD
ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1	REAL RESOURCES	BAKKEN	11-1-88	–	WATERFLOOD
ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	PROGRESS ENERGY	BAKKEN	11-1-97	–	WATERFLOOD
ROSEBANK FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	7-1-71	7-1-01	–
ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1	NCE PETROFUND	ALIDA	9-1-92	–	–
SOUTH ALAMEDA UNIT	PROGRESS ENERGY	MIDALE	10-1-65	–	WATERFLOOD
SOUTH MACOUN WINNIPEGOSIS VOL. UNIT NO. 1	NAVIGO ENERGY	WINNIPEGOSIS	11-1-92	–	WATERFLOOD
SOUTH PINTO UNIT	BONTERRA	MIDALE	2-1-65	10-1-66	WATERFLOOD (SUSPENDED)
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	10-1-70	–	–
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2	GRAND BOW	FROBISHER	9-1-91	–	–
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1	CAN. NATURAL	MIDALE	5-1-83	–	WATERFLOOD
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2	CAN. NATURAL	MIDALE	10-1-85	–	WATERFLOOD (SUSPENDED)
STEELMAN UNIT NO. IA	CAN. NATURAL	MIDALE	7-1-61	4-1-69	WATERFLOOD
STEELMAN UNIT NO. II	NEXEN CANADA	MIDALE	7-1-61	–	WATERFLOOD
STEELMAN UNIT NO. III	NEXEN CANADA	MIDALE	7-1-61	–	WATERFLOOD
STEELMAN UNIT NO. IV	CAN. NATURAL	MIDALE	7-1-61	4-1-69	WATERFLOOD
STEELMAN UNIT NO. V	CAN. NATURAL	MIDALE	7-1-61	7-1-65	WATERFLOOD
STEELMAN UNIT NO. VI	CAN. NATURAL	MIDALE	7-1-61	9-1-68	WATERFLOOD
STEELMAN UNIT NO. VII	PROGRESS ENERGY	MIDALE	6-1-62	–	WATERFLOOD
STEELMAN VOLUNTARY UNIT NO. 8	ZARGON	MIDALE & FROBISHER	10-1-93	–	WATERFLOOD
STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	ANADARKO	WINNIPEGOSIS	3-1-96	–	WATERFLOOD
STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	ARC (SASK)	ALIDA	11-1-97	–	WATERFLOOD
TABLELAND VOLUNTARY UNIT NO. 1	DEVON AXL	WINNIPEGOSIS	6-1-88	–	WATERFLOOD
VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2	GAUNTLET ENERGY	FROBISHER	2-1-94	–	–
VIEWFIELD VOLUNTARY UNIT NO. 1	COMSTATE	FROBISHER	5-1-74	–	WATERFLOOD (SUSPENDED)
WEST CARNDUFF UNIT	HUSKY	MIDALE	1-1-61	5-1-62	WATERFLOOD
WEYBURN UNIT	ENCANA	MIDALE	7-1-63	3-1-71	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2	CEDAR ENERGY	MIDALE	9-1-87	–	WATERFLOOD (SUSPENDED)
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3	MIDALE	MIDALE	1-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4	MIDALE	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5	NEXEN CANADA	MIDALE	1-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6	ARC (SASK)	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7	MIDALE	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8	ARC (SASK)	MIDALE	6-1-89	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9	ZARGON	MIDALE	6-1-90	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10	EL PASO	MIDALE	11-1-96	–	WATERFLOOD
WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1-1-68	6-1-88	WATERFLOOD
WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1	OILTEC	FROBISHER-ALIDA	12-1-93	–	WATERFLOOD
WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1	APF ENERGY	FROBISHER	4-1-67	–	WATERFLOOD
WORKMAN FROBISHER VOLUNTARY UNIT NO. 2	POSTELL	FROBISHER	11-1-90	6-1-00	–
WORKMAN-MIDALE VOLUNTARY UNIT NO. 1	POSTELL	MIDALE	4-1-68	–	WATERFLOOD
WORKMAN-MIDALE VOLUNTARY UNIT NO. 2	POSTELL	MIDALE	9-1-68	–	WATERFLOOD
WORKMAN VOLUNTARY UNIT NO. 3	APF ENERGY	FROBISHER	9-1-96	1-1-00	WATERFLOOD
WORKMAN VOLUNTARY UNIT NO. 4	POSTELL	MIDALE & FROBISHER	5-1-01	–	WATERFLOOD

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/01 PROD.	ACTIVE WELLS 12/01 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/01 m3/DAY	UNIT NAME
MANNVILLE	INV. 9-SPOT	5	–	09-85	–	NORTHWEST BENSON MIDALE VOLUNTARY UNIT
–	–	45	–	–	–	NOTTINGHAM NORTH ALIDA BEDS UNIT
MANNVILLE	INV. 9-SPOT	55	10	12-66	342	OUNGRE VOLUNTARY UNIT NO. 1
–	–	32	–	–	–	PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1
–	–	7	–	–	–	PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	34	1	12-91	28	PINTO VOLUNTARY UNIT NO. 2
–	–	1	–	–	–	QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	12	3	10-87	48	RALPH MIDALE BEDS VOLUNTARY UNIT
PRODUCED WATER	INV. 9-SPOT	7	2	08-92	26	RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	8	2	06-88	56	ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1
SOURIS VALLEY	PERIPHERAL	16	4	07-97	69	ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2
–	–	49	–	–	–	ROSEBANK FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1
–	–	7	–	–	–	ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	12	3	02-63	44	SOUTH ALAMEDA UNIT
MANNVILLE	PERIPHERAL	3	1	11-92	305	SOUTH MACOUN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	14	0	02-65	0	SOUTH PINTO UNIT
–	–	3	–	–	–	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1
–	–	–	–	–	–	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	10	2	09-83	73	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	10	0	12-86	0	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	87	32	09-58	1 196	STEELMAN UNIT NO. IA
MANNVILLE	INV. 9-SPOT	69	13	02-62	2 562	STEELMAN UNIT NO. II
MANNVILLE	INV. 9-SPOT	60	16	01-62	1 476	STEELMAN UNIT NO. III
MANNVILLE	INV. 9-SPOT	82	30	02-62	998	STEELMAN UNIT NO. IV
MANNVILLE	INV. 9-SPOT	25	9	02-62	134	STEELMAN UNIT NO. V
MANNVILLE	INV. 9-SPOT	84	38	02-62	2 043	STEELMAN UNIT NO. VI
MANNVILLE	INV. 9-SPOT	11	2	10-62	27	STEELMAN UNIT NO. VII
MANNVILLE	INV. 9-SPOT	7	2	12-93	135	STEELMAN VOLUNTARY UNIT NO. 8
MANNVILLE	PERIPHERAL	7	2	04-96	356	STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
PRODUCED WATER	LINE DRIVE	8	6	12-97	154	STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1
RAVENSCRAG	PERIPHERAL	3	1	06-88	94	TABLELAND VOLUNTARY UNIT NO. 1
–	–	6	–	–	–	VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	3	–	11-86	–	VIEWFIELD VOLUNTARY UNIT NO.1
MANNVILLE	INV. 9-SPOT	26	10	05-61	1 242	WEST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	651	148	04-64	25 528	WEYBURN UNIT
PRODUCED WATER	INV. 9-SPOT	1	0	03-88	0	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 5-SPOT	2	1	05-88	26	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	4	3	06-88	86	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4
MANNVILLE	INV. 9-SPOT	11	6	06-88	173	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5
MANNVILLE	INV. 9-SPOT	5	1	06-88	33	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6
MANNVILLE	INV. 9-SPOT	8	4	06-88	32	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7
MANNVILLE	INV. 9-SPOT	2	1	06-89	38	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8
PRODUCED WATER	PERIPHERAL	3	1	08-90	30	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9
MANNVILLE	PERIPHERAL	8	1	12-96	352	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10
MANNVILLE	INV. 9-SPOT	29	7	02-68	479	WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9 SPOT	4	1	12-93	58	WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	23	6	06-67	296	WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV 9 SPOT	15	3	07-92	76	WORKMAN FROBISHER VOLUNTARY UNIT NO. 2
MANNVILLE	INV 9-SPOT	3	1	04-68	30	WORKMAN-MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	1	09-68	95	WORKMAN MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV 9 SPOT	22	4	03-00	183	WORKMAN VOLUNTARY UNIT NO. 3
PRODUCED WATER	PERIPHERAL	5	1	06-01	39	WORKMAN VOLUNTARY UNIT NO. 4

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
AREA I				
Bolney Colony Sand	Husky Oil Operations	Colony Sand	10-Jan-96	18-Jan-01
SAGD Process	Surface Water	N/A	Mar-96	PM1024
Celtic G.P. Sand	ExxonMobil Canada	G.P. Sand	06-Feb-96	28-Oct-97
SAGD Process	Surface Water	N/A	Jun-96	PM1030
Celtic G.P. Sand	Husky Oil Operations	G.P. Sand	16-Mar-01	20-Dec-01
SAGD Process	Produced Water	N/A	Jan-02	PM1371
Edam Waseca Sand (and Sparky Sand)	Marathon Canada	Waseca, Sparky	22-Aug-96	07-Aug-97
SAGD Process (Suspended)	Surface Water	N/A	Sep-96	PM1071
Evesham North Mannville Sands	Talisman Energy	Sparky, McLaren	08-Apr-99	
Waterflood	Produced Water	Inv. 9-Spot	Jul-01	PM1267
Evesham Sparky Sand	Talisman Energy	Sparky Sand	24-May-01	37197
Waterflood	Produced Water	Inv. 9-Spot	Jan-02	PM1381
Eyehill North Sparky Sand	Husky Oil Operations	Sparky Sand	28-Feb-92	
Waterflood	Produced Water	Peripheral	Apr-92	PM816
Macklin Sparky Sand	Petrovera Resources	Sparky Sand	26-May-88	13-Feb-01
Waterflood	Produced Water	Inv. 9-Spot	Jun-88	PM685
Manito Lake Sparky Sand	Petrovera Resources	Sparky Sand	24-Jun-92	29-Sep-93
Waterflood	Produced Water	Peripheral	Jun-92	PM829
Neilburg McLaren Sand	Baytex Energy	McLaren Sand	11-Apr-94	
Pilot Waterflood	Produced Water	Inv. 5-Spot	Jun-95	PM903
Pikes Peak Waseca Sand	Husky Oil Operations	Waseca Sand	10-Jun-81	11-Oct-01
Steamflood/Steam Stimulation	Surface Water	N/A	Jul-81	PM537
Salt Lake Lloydminster Sand	Husky Oil Operations	Lloydminster Sand	13-Jun-88	30-Jul-99
Waterflood	Mannville	Line Drive	Jun-88	PM690
Senlac Cummings/Dina Sand	EnCana	Cummings/Dina	26-May-95	05-Feb-01
SAGD Process	Belly River	N/A	Mar-96	PM969
Senlac Lloydminster Sand	Nexen Canada	Lloydminster Sand	23-Mar-88	19-Jul-00
Waterflood	Mannville	Irregular	Jul-88	PM670
Silverdale Sparky Sand	Shenandoah Resources	Sparky Sand	27-Jun-84	07-Feb-96
Water Alternating Gas	Sparky Sand	N/A	Dec-85	PM561
Soda Lake Cummings Sand	Baytex Energy	Cummings	26-Mar-01	
VAPEX Process	N/A	N/A	Oct-01	PM1373
Tangleflags North Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	21-Jul-87	04-Aug-00
Steamflood/Horizontal Wells	Surface Water	N/A	Jun-88	PM645
Tangleflags Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	07-May-96	22-Nov-96
SAGD Process (Suspended)	Surface Water	N/A	Feb-97	PM968
Winter South Cummings Sand	Nexen Canada	McLaren Sand	23-Feb-01	
Pilot Waterflood	Cummings	Irregular	Jun-01	PM1368

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
AREA II				
Buffalo Coulee Bakken Sand	Petrovera Resources	Bakken Sand	28-Nov-69	14-Dec-01
Waterflood	Belly River	Inv. 9-Spot	Jul-69	PM522
Buffalo Coulee Bakken Sand	Acclaim Energy	Bakken Sand	23-Nov-79	11-Dec-96
Waterflood	Belly River	Inv. 9-Spot	Aug-80	PM521
Buffalo Coulee North Bakken Sand	Nexen Canada	Bakken Sand	28-Jun-88	02-Aug-01
Waterflood	Belly River	Inv. 9-Spot	Jun-88	PM695
Cactus Lake Basal Mannville-Bakken Sands	Nexen Canada	Basal Mann.-Bakken	05-Nov-01	
Waterflood	Prod. Water & Judith R.	Irregular	Dec-01	PM1397
Cactus Lake East Bakken Sand	Nexen Canada	Bakken Sand	23-Oct-01	
Waterflood	Prod. Water & Judith R.	Irregular	Dec-01	PM1394
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	14-Oct-94	
SAGD Process (Suspended)	Ribstone Creek	N/A	Jan-95	PM823
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	24-Oct-94	
SAGD Process (Suspended)	Ribstone Creek	N/A	Mar-95	PM938
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	25-Nov-99	
Pilot Waterflood	Produced Water	Peripheral	Dec-00	PM1289
Coleville Bakken	Petrovera Resources	Bakken Sand	18-Dec-58	06-Nov-97
Waterflood	Belly River	Inv. 5 & 9-Spot	Jan-59	PM37
Court Bakken Sand	Nexen Canada	Bakken Sand	21-Dec-95	17-Jul-00
Waterflood	Ribstone Creek	Peripheral	Jan-96	PM1016
Court Bakken Sand	Nexen Canada	Bakken Sand	18-Aug-98	02-May-00
Waterflood	Ribstone Creek	Inv. 9-Spot	Oct-98	PM1247
Court South Bakken Sand	Anadarko Canada	Bakken Sand	26-Sep-95	16-Jan-98
Waterflood	Ribstone Creek	Inv. 7-Spot	Feb-96	PM996
Dodsland Viking Sand	Ultima Ventures	Viking Sand	11-Jul-96	
Waterflood	Belly River	Inv. 9-Spot	Nov-96	PM1066
Dodsland Viking Sand	Provident Energy	Viking Sand	04-Dec-85	
Waterflood	B. River & Deadwood	Inv. 9-Spot	Oct-87	PM622
Dodsland Viking Sand	Enerplus Resources	Viking Sand	21-Oct-97	
Waterflood	Belly River	Part. Inv. 15-Spot	Dec-97	PM1186
Fusilier North Bakken Sand	Nexen Canada	Bakken Sand	02-May-01	12-Sep-01
Waterflood	Belly River	Irregular	Apr-01	PM1377
Hearts Hill Bakken Sand	Husky Oil Operations	Bakken Sand	02-Nov-89	
Waterflood (Suspended)	Produced Water	Peripheral	Jun-88	PM724
Hearts Hill Bakken Sand	Petrovera Resources	Bakken Sand	01-Dec-97	
Waterflood	Produced Water	Peripheral	Apr-98	PM1082
Kerrobert Mannville Sand	Conoco Phillips	Waseca Sand	28-Apr-97	04-Dec-01
SAGD Process	Belly River	N/A	Aug-97	PM1131

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	**Water Source**	**Injection Pattern**	**1st Injection**	**SEM File #**
Kerrobert Viking Sand	NCE Resources	Viking Sand	03-Dec-85	13-Oct-88
Waterflood	Duperow	Inv. 5-Spot	Mar-86	PM620
Luseland Bakken Sand	Nexen Canada	Bakken Sand	30-Jun-89	
Pilot Waterflood	Produced Water	Inv. 9-Spot	Aug-89	PM715
Mantario East Basal Mannville Sand	Conoco Phillips	Basal Mannville	27-May-98	
Waterflood	Belly River/Viking	Peripheral	Jun-98	PM1242
Mantario North Basal Mannville Sand	Conoco Phillips	Basal Mannville	11-Apr-97	16-Feb-00
Waterflood	Belly River/Viking	Peripheral	Jul-97	PM1127
Marengo South Basal Mannville Sand	Conoco Phillips	Basal Mannville	12-Nov-93	29-May-01
Waterflood	Belly River	Inv. 9-Spot	Feb-93	PM843
Marengo South Basal Mannville Sand	Nexen Canada	Basal Mannville	03-Jul-96	16-Dec-98
Pilot Waterflood	Prod. Water & Belly R.	Peripheral	May-97	PM1064
North Hoosier Basal Mannville Sand	Baytex Energy	Basal Mannville	30-Apr-99	24-Sep-01
Waterflood	Produced Water	Irregular	Feb-99	PM1269
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	29-Aug-90	15-Aug-97
Steamflood/Horiz. Wells	Ribstone Creek	N/A	Feb-90	PM757
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	02-Nov-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-01	PM1346
Smiley-Dewar Viking	Imperial Oil	Viking Sand	22-Sep-61	21-Nov-95
Waterflood	Belly River	Inv. 9-Spot	Feb-62	PM152
Verendrye Viking Sand	ISH Energy	Viking Sand	09-Jan-96	01-Oct-97
Pilot Waterflood	Produced Water	Peripheral	Feb-96	PM1022
AREA III				
Antelope Cantuar Sand	Husky Oil Operations	Cantuar Sand	02-Jul-97	
Waterflood	Roseray	Peripheral	Sep-96	PM1150
Antelope Lake North Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Mar-96	
Waterflood	Mannville	Peripheral	Apr-96	PM1041
Antelope Lake North Success-Roseray Sand	Husky Oil Operations	Roseray Sand	16-Feb-96	15-Jun-99
Waterflood	Mannville	Peripheral	Mar-96	PM1031
Antelope Lake Roseray Sand	PrimeWest Energy	Roseray Sand	30-Nov-98	09-Nov-99
Waterflood	Produced Water	Peripheral	Feb-98	PM1257
Antelope Lake South Roseray Sand	Husky Oil Operations	Roseray Sand	05-Aug-99	
Waterflood	Produced Water	Peripheral	Feb-96	PM1271
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Apr-95	
Pilot Waterflood	Madison	Inv. 5-Spot	Aug-95	PM958
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	12-Mar-96	03-Oct-97
Waterflood	Madison	Inv. 9-Spot	May-96	PM1034
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	25-Oct-99	
Waterflood	Produced Water	Inv. 5-Spot	Sep-99	PM1272

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
Bone Creek West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	19-Oct-00	30-Nov-00
Waterflood	Produced Water	Peripheral	Feb-01	PM1344
Butte Shaunavon	Husky Oil Operations	Shaunavon	14-Sep-00	
Waterflood	Madison	Peripheral	Sep-00	PM1339
Butte Upper Shaunavon	Provident Energy	Upper Shaunavon	24-Jul-96	09-Jan-01
Waterflood	Prod. Water & Belly R.	Inv. 9-Spot	Feb-97	PM1069
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	02-May-96	19-Jul-96
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-96	PM1052
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Nov-97	09-Feb-00
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1199
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	23-Dec-97	23-Aug-99
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1212
Butte Upper Shaunavon	Regent Resources	Upper Shaunavon	25-Oct-99	27-Oct-00
Waterflood	Produced Water	Inv. 5-Spot	Jan-00	PM1276
Butte West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Sep-93	
Waterflood	Madison	Peripheral	Oct-94	PM876
Cantuar East Lower Shaunavon	Apache Canada	Lower Shaunavon	20-Aug-97	22-Dec-99
Waterflood	Produced Water	Peripheral	Sep-99	PM1166
Cantuar East Lower Shaunavon	EOG Resources	Lower Shaunavon	11-Jul-00	13-Sep-00
Waterflood	Prod. Water & Judith R.	Peripheral	Sep-00	PM1327
Chambery Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Mar-97	
Waterflood	Mannville	Peripheral	May-97	PM1046
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	08-Jul-96	19-Feb-98
Waterflood	Madison	Inv. 9-Spot	Oct-96	PM1028
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	22-Oct-97	27-Sep-01
Waterflood	Madison	Inv. 9-Spot	Oct-97	PM1181
Gardenhead South Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	17-Feb-95	06-Dec-00
Waterflood	Madison	Peripheral	Mar-95	PM944
Gull Lake Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	03-Jul-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-97	PM1151
Gull Lake Roseray Sand	Husky Oil Operations	Roseray Sand	29-May-96	
Waterflood	Produced Water	Peripheral	Aug-96	PM1057
Java Cantuar Sand	Husky Oil Operations	Cantuar Sand	27-Jun-84	
Waterflood	Mannville	Peripheral	Jul-84	PM562
Java North Cantuar Sand	Husky Oil Operations	Cantuar Sand	22-Oct-97	02-Sep-99
Waterflood	Roseray Sand	Peripheral	Dec-97	PM1187
Java West Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Apr-00	
Waterflood	Produced Water	Peripheral	Jun-00	PM1311
North Premier Upper Shaunavon	Provident Energy	Upper Shaunavon	02-Jun-94	11-May-01
Waterflood	Mannville	Peripheral	Sep-94	PM913

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
Rapdan South Upper Shaunavon	PrimeWest Energy	Upper Shaunavon	26-Jul-93	
Waterflood	Produced Water	Inv. 5-Spot	Feb-94	PM869
Seward Cantuar Sand	Apache Canada	Cantuar Sand	23-Jun-99	
Waterflood	Mannville	Inv. 9-Spot	Sep-99	PM1270
Suffield Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	16-Mar-98	
Waterflood	Produced Water	Inv. 9-Spot	Apr-98	PM1139
Suffield Roseray Sand	Husky Oil Operations	Roseray Sand	29-Sep-95	11-May-00
Waterflood	Belly River	Peripheral	Mar-96	PM997
Suffield West Cantuar Sand	Husky Oil Operations	Cantuar Sand	09-Mar-00	
Waterflood	Mannville	Inv. 5-Spot	Jul-00	PM1304
Webb Cantuar Sand	Husky Oil Operations	Cantuar Sand	29-Apr-96	15-Nov-99
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-96	PM1051
Webb South Cantuar Sand	Husky Oil Operations	Cantuar Sand	03-Jun-96	04-May-00
Waterflood	Roseray Sand	Peripheral	Jul-96	PM1058
Webb West Cantuar Sand	Husky Oil Operations	Cantuar Sand	28-Nov-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-98	PM1176
Whitemud Shaunavon	Husky Oil Operations	Shaunavon	23-May-95	06-Feb-97
Waterflood	Mannville	Inv. 9-Spot	Jun-95	PM956

AREA IV

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
Benson East Midale Beds	Provident Energy	Midale Beds	23-Sep-87	
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM652
Bryant Midale Beds	Duce Oil Ltd.	Midale Beds	17-Feb-94	
Waterflood	Mannville	Inv. 9-Spot	Sep-94	PM896
Clarilaw Frobisher-Alida Beds	Progress Energy Ltd.	Frobisher-Alida Beds	06-Sep-96	
Waterflood	Produced Water	Peripheral	Jan-97	PM1077
Elswick East Midale Beds	Nexen Canada	Midale Beds	10-Jul-01	
Waterflood	Produced Water	Irregular	Sep-01	PM1386
Elswick Midale Beds	Devon Canada	Midale Beds	10-Jun-87	11-Oct-00
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM644
Elswick Midale Beds	Devon Canada	Midale Beds	20-Jan-98	19-Jan-01
Waterflood	Mannville	Peripheral	Feb-98	PM1222
Glen Ewen Frobisher Beds	Nexen Canada	Frobisher Beds	26-Feb-93	
Waterflood	Produced Water	Peripheral	Sep-93	PM853
Hummingbird South Bakken Sand	Northrock Resources	Bakken Sand	16-Apr-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1232
Hummingbird South Ratcliffe Beds	Northrock Resources	Ratcliffe Beds	04-Mar-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1233

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
Midale Central Midale Beds	Anadarko Canada	Midale Beds	16-Oct-01	
Waterflood	Produced Water	Irregular	Feb-02	PM1393
Red Jacket Sand	Husky Oil Operations	Red Jacket Sand	03-Feb-98	
Waterflood	Produced Water	Peripheral	Dec-97	PM1227
Roncott Bakken Sand	Cannon Oil & Gas	Bakken Sand	07-Mar-95	
Pilot Waterflood	Mannville	Peripheral	Jul-95	PM954
Stoughton South Frobisher Beds	Nexen Canada	Frobisher Beds	20-Apr-01	
Pilot Waterflood	Produced Water	Irregular	May-01	PM1378
Tatagwa North Midale Beds	Tappit Resources Ltd.	Midale Beds	08-Apr-93	
Waterflood	Produced Water	Irregular	Apr-93	PM857
Tatagwa North Midale Beds	ARC Resources	Midale Beds	07-Sep-00	17-Jan-01
Waterflood	Produced Water	Irregular	Oct-00	PM1336
Tyvan Red River	National Fuel Expl.	Red River	27-Apr-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-00	PM1314
Weyburn Midale Beds	Nexen Canada	Midale Beds	13-Jun-88	
Waterflood	Mannville	Inv. 9-Spot	Jun-88	PM689
Weyburn Midale Beds	El Paso Velvet Expl.	Midale Beds	16-Oct-96	
Waterflood	Mannville	Peripheral	Dec-96	PM1085
Weyburn Midale Beds	Provident Energy	Midale Beds	17-May-96	
Waterflood	Produced Water	Peripheral	Feb-97	PM1055
Weyburn Midale Beds	Nexen Canada	Midale Beds	08-Dec-00	
Waterflood	Produced Water	Irregular	Dec-00	PM1360
Weyburn Midale Beds	Nexen Canada	Midale Beds	06-Sep-01	
Waterflood	Produced Water	Irregular	Oct-01	PM1390
Willmar Frobisher-Alida Beds	Upton	Frobisher-Alida Beds	18-May-00	
Waterflood	Produced Water	Peripheral	Dec-01	PM1319

Note: SAGD = Steam Assisted Gravity Drainage

DEVELOPMENT DATA

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
ABERFELDY G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
ABERFELDY SPARKY SAND	SOLUTION GAS DRIVE WATER DRIVE PART. GAS CAP DRIVE	WATERFLOOD IN: 1: ABERFELDY UNIT (SUSPENDED) 2: SOUTH ABERFELDY SPARKY VOL. UNIT (SUSPENDED) IN-SITU WET COMBUSTION IN: ABERFELDY UNIT (SUSPENDED) STEAMFLOOD IN: ABERFELDY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: A: TWP 49, RGE 26, SEC: NW 1/4 OF 4, N 1/2 OF 5, 6, 8, 9, W 1/2 OF 10, SW 1/4 OF 15, 16, 17, E 1/2 & NW 1/4 OF 18, 20, 21, 28, 29; TWP 48, RGE 27, SEC: N 1/2 OF 35, NW 1/4 OF 36; TWP 49, RGE 27, SEC: 1, 2, 11, 12; WHERE:
			1	NW 1/4 OF LSD; B: TWP 49, RGE 27, SEC: 14, 15, NE 1/4 OF 16, E 1/2 OF 21, 22, 23, 27, 28, 33, 34; WHERE:
			1	NE 1/4 OF LSD.
ALAMEDA EAST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 4, RGE 2, SEC: 10, NW 1/4 OF 11, S 1/2 & NE 1/4 OF 15; WHERE:
			2	ODD NUMBERED LSD.
ALAMEDA MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: ALAMEDA CENTRAL UNIT 2: ALAMEDA EAST UNIT 3: NORTH ALAMEDA UNIT 4: SOUTH ALAMEDA UNIT 5: ALAMEDA MIDALE VOL. UNIT NO. 1 6: ALAMEDA MIDALE VOL. UNIT NO. 2	2	ODD NUMBERED LSD.
ALAMEDA WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ALAMEDA WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ALAMEDA WEST VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ALIDA EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 33, SEC: 26, 27, 28, S 1/2 OF 33, S 1/2 & NW 1/4 OF 34; TWP 6, RGE 33, SEC: SW 1/4 OF 3; WHERE:
			2	EVEN NUMBERED LSD.
ALIDA NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ALIDA WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ALSASK BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 29, RGE 29, SEC: NW 1/4 OF 10, W 1/2 OF 15, SW 1/4 OF 22; WHERE: SEE POOL REGULATIONS CONCERNING PARTIAL LEGAL SUBDIVISIONS.
AMULET RATCLIFFE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ANTELOPE CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
ANTELOPE LAKE EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
ANTELOPE LAKE NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
ANTELOPE LAKE NORTH SUCCESS-ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
ANTELOPE LAKE ROSERAY SAND	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
ANTELOPE LAKE SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS.
ANTELOPE LAKE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD.
ARCOLA FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ARCOLA NORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ARCOLA SOUTH FROBISHER ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

			SPACING REGULATIONS *	
POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	DRAINAGE UNITS, LSDS	TARGET AREA
ASHLEY LAKE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
AUBURNTON FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
AVON HILL VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: AVON HILL VIKING VOL. UNIT (SUSP)	1	CENTER OF LSD.
BALDWINTON SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
BATTLE CREEK MADISON	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
BATTLE CREEK SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
BATTLE CREEK UPPER SHAUNAVON	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
BATTRUM EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BATTRUM NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
BATTRUM ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	IN-SITU WET COMBUSTION IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM UNIT NO. 2 3: BATTRUM VOL. UNIT NO. 3 WATERFLOOD IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM VOL. UNIT NO. 3 3: BATTRUM UNIT NO. 4 4: BATTRUM VOL. UNIT NO. 5	1 2 2	CENTER OF LSD, EXCEPT: A: TWP 18, RGE 16, SEC: 30; TWP 18, RGE 17, SEC: 25, 26, E 1/2 OF 27, NE 1/4 OF 33, 34, 35, SE 1/4 & W 1/2 OF 36; WHERE: EVEN NUMBERED LSD; B: TWP 19, RGE 17, SEC: 1, S 1/2 OF 2, WHERE: ODD NUMBERED LSD.
BELLEGARDE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BEMERSYDE RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
BENCH SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
BENCH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BENCH VOL. UNIT NO.1	2	ODD NUMBERED LSD.
BENDER CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BENDER SOUTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BENDER TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENNETT LAKE ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENSON EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
BENSON FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENSON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: BENSON UNIT 2: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1 3: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2 4: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3 5: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4 6: NORTHWEST BENSON MIDALE VOLUNTARY UNIT (SUSP)	2	ODD NUMBERED LSD.
BEVERLEY CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY CANTUAR VOL. UNIT NO. 1 BEVERLEY CANTUAR VOL. UNIT NO. 3	2	EVEN NUMBERED LSD.
BEVERLEY EAST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: EAST BEVERLEY (JAVA) CANTUAR VOL. UNIT	2	ODD NUMBERED LSD.
BEVERLEY NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
BEVERLEY ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1. BEVERLEY UNIT NO. 1 2. BEVERLEY VOL. UNIT NO. 2	1	CENTER OF LSD.
BIENFAIT MIDALE BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BIG GULLY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
BIG GULLY MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1	NW 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE:
			1	NE 1/4 OF LSD.
BIG GULLY NORTH LLOYD. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
BIG GULLY WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1	NW 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE:
			1	NE 1/4 OF LSD.
BIG MARSH LAKE TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BOLNEY COLONY SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD.
BONE CREEK UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BONE CREEK UNIT	2	EVEN NUMBERED LSD, EXCEPT: TWP 11, RGE 19, SEC: W 1/2 OF 2, 3, E 1/2 OF 4; WHERE:
			2	ODD NUMBERED LSD.
BONE CREEK WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BROMHEAD EAST RED RIVER	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BROMHEAD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
BROUGH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
BROWNING FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BROWNING NORTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BROWNING SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BRYANT FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	4	NW LSD OF 1/4 SECTION, EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE:
			2	ODD NUMBERED LSD.
BRYANT MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	4	NW LSD OF 1/4 SECTION, EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE:
			2	ODD NUMBERED LSD.
BUFFALO COULEE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2	NE & SW 1/4 OF LSD.
BUFFALO COULEE N. BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SW 1/4 OF LSD.
BUFFALO HEAD BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD
BUFFALO HEAD FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
BURROWS RED JACKET SAND	WATER DRIVE	NONE	1	CENTER OF LSD.
BUTTE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BUTTE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BUTTE VOLUNTARY UNIT	2	ODD NUMBERED LSD, EXCEPT: TWP 11, RGE 18, SEC: SW 1/4 OF 29, S 1/2 OF 30; TWP 11, RGE 19, SEC: NE 1/4 OF 23, N 1/2 OF 24, S 1/2 & NW 1/4 OF 25, SE 1/4 & N 1/2 OF 26, NE 1/4 OF 27, NE 1/4 OF 28; TWP 12, RGE 19, SEC: S 1/2 OF 2, 3, NE 1/4 OF 4, SW 1/4 OF 10; WHERE:
			1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
BUTTE WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. BUTTE WEST VOL. UNIT NO. 1 2. BUTTE WEST VOL. UNIT NO. 2	2	ODD NUMBERED LSD, EXCEPT: A: TWP 12, RGE 19, SEC: NW 1/4 OF 27, 34, WHERE:
			2	EVEN NUMBERED LSD; B: TWP 12, RGE 19, SEC: LSDS 3 & 4 OF 17, LSDS 9, 10, 15 & 16 OF 29, LSDS 7, 8, 15 & 16 OF 32; WHERE:
			1	CENTER OF LSD.
BUZZARD LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
BUZZARD NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CACTUS LAKE BASAL MANNVILLE-BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: CACTUS LAKE VOL. UNIT NO. 1 2: CACTUS LAKE VOL. UNIT NO. 2 3: CACTUS LAKE VOL. UNIT NO. 3	1	SE 1/4 OF LSD.
CACTUS LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS.
CACTUS LAKE NORTH MCLAREN SAND	PARTIAL WATER DRIVE	SAGD PROJECT (SUSPENDED), PILOT WATERFLOOD	1	SE 1/4 OF LSD.
CANTAL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CANTAL SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
CANTUAR EAST CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: EAST CANTUAR UNIT NO. 1 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR EAST LOWER SHAUNAVON	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
CANTUAR EAST ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1: EAST CANTUAR UNIT NO. 1 2: EAST CANTUAR UNIT NO. 2 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR ROSERAY SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR MAIN CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
CARLYLE ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CARLYLE SOUTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
CARNDUFF FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: W 1/2 OF 5, 6; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, E 1/2 OF 10, 11, W 1/2 OF 12, W 1/2 OF 14, E 1/2 OF 15; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4, 9, W 1/2 OF 10, W 1/2 OF 15, 16; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
CARNDUFF MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEST CARNDUFF UNIT 2: EAST CARNDUFF UNIT 3: CARNDUFF VOL. UNIT NO. 1 4: CARNDUFF VOL. UNIT NO. 2 5: CARNDUFF VOL. UNIT NO. 3 (SUSP) 6: CARNDUFF S. MIDALE VOL UNIT	2	ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: NE 1/4 & W 1/2 OF 4, 5, 6, 7, 8, 9, 16, 17, S 1/2 OF 18; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, 11, 12, S 1/2 OF 13; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: NW 1/4 OF 17, W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
CARRUTHERS CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
CELTIC G.P. SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC WASECA SAND	SOLUTION GAS DRIVE	PILOT INTERMITTENT STEAM INJECTION (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
CEYLON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
CHAMBERY UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
CHAPLEAU LAKE RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
CLARILAW EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CLARILAW FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
CLARILAW WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CLINTONVILLE SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
COLEVILLE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2	NE & SW 1/4 OF LSD.
COLEVILLE MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD.
COLEVILLE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: COLEVILLE S. BAKKEN VOL. UNIT	1/2	NE & SW 1/4 OF LSD, EXCEPT: TWP 30, RGE 23, SEC: 31, N 1/2 OF 32; WHERE:
			1/2	SE & NW 1/4 OF LSD.
COLEVILLE SOUTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD.
COLEVILLE SOUTH SUCCESS	PARTIAL WATER DRIVE	NONE	1	NE 1/4 OF LSD, EXCEPT: TWP 31, RGE 23, SEC: LSD 2 OF 24; WHERE:
			1/2	NE & SW 1/4 OF LSD.
COLEVILLE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COLGATE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
COOTHILL RED JACKET SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
CORNING TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CORNING WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
COSINE LAKE LLOYDMINSTER SAND	GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 37, RGE 28, SEC: LSDS 4,5,12 & 13 OF 7, LSDS 4,5,12 & 13 OF 18, LSDS 4,5,12 & 13 OF 19; TWP 37, RGE 29, SEC: LSDS 1,8,9 & 16 OF 12, LSDS 1,8,9 & 16 OF 13, LSDS 1,8,9 & 16 OF 24; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
COURT BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: COURT BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD.
COURT NORTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COURT SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
COURT WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COVINGTON SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
COVINGTON UPPER SHAUNAVON	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: COVINGTON UNIT NO. 1	2	EVEN NUMBERED LSD.
COVINGTON WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
COYOTE LAKE TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CREELMAN ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 10, RGE 9, SEC: N 1/2 OF 7; WHERE:
			1	CENTER OF LSD.
CRYSTAL HILL SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 10, RGE 1, SEC: 18 & 19; TWP 10, RGE 2, SEC: NE 1/4 OF 13, E 1/2 OF 24; WHERE:
			1	CENTER OF LSD.
DAHINDA MADISON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
DALESBORO FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
DALESBORO NORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
DEE VALLEY EAST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD
DEE VALLEY WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 49, RGE 22, SEC: LSDS 5, 6 & NW 1/4 OF 6; TWP 49, RGE 23, SEC: SE 1/4 OF 12; WHERE:
			1/2	NW & SE 1/4 OF LSD.
DELTA UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DELTA UNIT NO. 1 2: DELTA UNIT NO. 2 3: DELTA VOL. UNIT NO. 3	2	EVEN NUMBERED LSD.
DELTA WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
DIVIDE MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
DODSLAND VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: EAGLE LAKE VIKING VOLUNTARY UNIT 2: EAST DODSLAND VOL. UNIT (SUSP) 3: GLENEATH SOUTH VOL. UNIT (SUSP) 4: GLENEATH UNIT 5: KIYIU LAKE VOLUNTARY UNIT 6: KIYIU LAKE VOL. UNIT NO. 2 7: NORTH DODSLAND VOL. UNIT	1	CENTER OF LSD.
DOLLARD LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION, EXCEPT: TWP 7, RGE 19, SEC: NW 1/4 OF 29; WHERE:
			2	ODD NUMBERED LSD.
DOLLARD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DOLLARD UNIT 2: EAST DOLLARD VOLUNTARY UNIT	1	CENTER OF LSD, EXCEPT: TWP 7, RGE 19, SEC: LSDS 13 & 14 OF 16, LSDS 13 TO 16 OF 17, 18, LSDS 1 TO 4 OF 19, LSDS 1 TO 4 OF 20, LSDS 3 & 4 OF 21; WHERE:
			2	ODD NUMBERED LSD.
DRUID MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
DULWICH EAST G.P. SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH EAST REX SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH G.P. SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
DULWICH NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH DULWICH VOLUNTARY UNIT (SUSPENDED)	1/2	NE & SW 1/4 OF LSD.
DULWICH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
EAR LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EASTBROOK SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
EASTEND SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 19, SEC: 5, 6, 7, 8, W 1/2 OF 18, TWP 6, RGE 20, SEC: E 1/2 OF 1; WHERE:
			4	NW LSD IN 1/4 SECTION

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
EDAM NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 19, SEC: E 1/2 & LSDS 3, 4, 6, 11 & 14 OF 8, SW 1/4 OF 9, NW 1/4 OF 11, 15, 16, SW 1/4 OF 17, 22, W 1/2 OF 27, 28, 29, 33; TWP 49, RGE 19, SEC: S 1/2 & NW 1/4 & LSDS 9, 10, & 15 OF 4, 6; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: LSD 11 & S 1/2 LSD 14 OF 30; WHERE:
			1/4	CENTER OF DRAINAGE UNIT.
EDAM WEST SPARKY/G.P. SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDAM WEST WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDENVALE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
EDENVALE TILSTON BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ELCOTT EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
ELMORE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELSWICK EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 2	2	ODD NUMBERED LSD.
ELSWICK MIDALE BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ELSWICK SOUTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
EPPING G.P. SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SOUTH EPPING UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: A: TWP 47, RGE 27, SEC: W 1/2 OF 17, 18, 19, 20, S 1/2 & NW 1/4 OF 29, 30, S 1/2 & NW 1/4 OF 31, SW 1/4 OF 32; TWP 46, RGE 28, SEC: 24, E 1/2 OF 35, SW 1/4 OF 36; TWP 47, RGE 28, SEC: N 1/2 OF 25, E 1/2 OF 35, 36; WHERE:
			1/2	NW & SE 1/4 OF LSD; B: TWP 47, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 14, LSDS 1, 8, 9 & 16 OF 15, LSDS 1, 8, 9 & 16 OF 22, LSDS 4, 5, 12 & 13 OF 23, LSDS 4, 5, 12 & 13 OF 26, LSDS 1, 8, 9 & 16 OF 27, LSDS 1, 8, 9 & 16 OF 34, LSDS 4, 5, 12 & 13 OF 35; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE EPPING G.P. SAND POOL.
EPPING NORTH CUMMINGS SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS, EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING NORTH G. P. SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS, EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING NORTH MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS, EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS, EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EPPING SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. SOUTH EPPING UNIT NO. 1 2. SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: SEE EPPING G.P. SAND POOL.
ERMINE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EUREKA VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. NORTH EUREKA UNIT 2. SOUTH EUREKA UNIT	1	CENTER OF LSD.
EVESHAM NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
EVESHAM SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EYEHILL CUMMINGS-DINA SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	PILOT IN-SITU DRY COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD.
EYEHILL NORTH CUMMINGS SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 40, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EYEHILL NORTH SPARKY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD	1	SE 1/4 OF LSD, EXCEPT: TWP 40, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
FERTILE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FERTILE TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FLAT LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1 FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 1, RGE 16, SEC: N 1/2 OF 21; WHERE:
			2	ODD NUMBERED LSD; B: TWP 1, RGE 16, SEC: S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3, S 1/2 OF 5, S 1/2 OF 6; WHERE: WELLS LOCATED A MINIMUM DISTANCE OF 1600 FEET FROM U.S. BORDER
FLINTON TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
FLORENCE FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 1, RGE 34, SEC: W 1/2 OF 32, TWP 2, RGE 34, SEC: W 1/2 OF 5, W 1/2 OF 8; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
FOREST BANK MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: A: TWP 48, RGE 24, SEC: 32; TWP 49, RGE 24, SEC: 6; WHERE:
			1	SE 1/4 OF LSD; B: TWP 49, RGE 24, SEC: 7, 18, TWP 49, RGE 25, SEC: 12, 13; WHERE:
			1	NE 1/4 OF LSD; C: TWP 49, RGE 24, SEC: W 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD.
FOREST BANK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE FOREST BANK MANNVILLE SANDS.
FOREST BANK WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE FOREST BANK MANNVILLE SANDS
FORGAN VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FORGAN WEST VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
FOSTERTON ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: FOSTERTON MAIN UNIT 2: FOSTERTON NORTHWEST UNIT (SUSPENDED) 3: WEST FOSTERTON VOLUNTARY UNIT	1	CENTER OF LSD, EXCEPT: TWP 16, RGE 18, SEC: 35, W 1/2 OF 36; TWP 17, RGE 18, SEC: 1, 2, 3, 10, 11, 12, S 1/2 & NW 1/4 OF 13, 14, 15; WHERE:
		IN-SITU WET COMBUSTION IN: FOSTERTON NORTHWEST UNIT	1	SW 1/4 OF LSD.
FOSTERTON SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FOSTERTON SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FREDA LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
FREEMONT MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SOUTH COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 45, RGE 24, SEC: E 1/2 & LSDS 3, 6, 11 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
FREEMONT WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 44, RGE 24, SEC: E 1/2 OF 26, LSDS 1, 2, 7, 8, 9 & 10 OF 35; WHERE:
			1/4	CENTER OF EACH 1/4 LSD.
FREEMONT WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREESTONE FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 9, RGE 6, SEC: W 1/2 OF 7, W 1/2 OF 17, 18, 19, W 1/2 OF 20; TWP 9, RGE 7, SEC: 11, 12, 13; WHERE:
			1	CENTER OF LSD.
FREMANTLE LOWER WATROUS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
FROUDE RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
FRYS EAST TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 7, RGE 30, SEC: LSDS 10 & 11 OF 33; WHERE:
			2	CENTER OF DRAINAGE UNIT.
FRYS TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FURNESS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD.
FUSILIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD.
FUSILIER NORTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
GAINSBOROUGH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	1	CENTER OF LSD, EXCEPT: A: TWP 2, RGE 30, SEC: E 1/2 OF 21, W 1/2 & NE 1/4 OF 22, N 1/2 OF 23, NW 1/4 OF 24, 25, 26, E 1/2 OF 27, E 1/2 OF 34, S 1/2 & NW 1/4 OF 35, WHERE:
			2	ODD NUMBERED LSD; B: TWP 3, RGE 30, SEC: 1, 2, E 1/2 OF 11, SW 1/4 OF 12; WHERE:
			2	EVEN NUMBERED LSD
GAINSBOROUGH NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD
GAINSBOROUGH WEST FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD
GARDENHEAD SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD

DEVELOPMENT DATA - OIL POOLS

			SPACING REGULATIONS *	
POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	DRAINAGE UNITS, LSDS	TARGET AREA
GARDENHEAD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GARDEN HEAD VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
GLEN EWEN FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD	2	ODD NUMBERED LSD, EXCEPT: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 3 TO 5 INCLUSIVE; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
GLEN EWEN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GLEN EWEN UNIT	2	ODD NUMBERED LSD, EXCEPT: A: TWP 2, RGE 1, SEC: N 1/2 OF 26, 32, S 1/2 OF 33, S 1/2 & NW 1/4 OF 34, SE 1/4 OF 35; TWP 3, RGE 1, SEC: NW 1/4 OF 8, N 1/2 OF 10, N 1/2 OF 11, NE 1/4 OF 12, S 1/2 OF 13, W 1/2 OF 15, SE 1/4 OF 16, W 1/2 & NE 1/4 OF 20, W 1/2 OF 22; WHERE:
			4	SE LSD OF 1/4 SECTION; B: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 1 TO 5 INCLUSIVE; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
GLEN EWEN NORTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 3, RGE 1, SEC: NE 1/4 OF 20, SW 1/4 & N 1/2 OF 28, E 1/2 OF 29; WHERE:
			2	ODD NUMBERED LSD.
GOLDEN LAKE NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 23, SEC: 19, 29, 30, E 1/2 & SW 1/4 OF 31, 32; TWP 48, RGE 24, SEC: NE 1/4 OF 24, SE 1/4 OF 25; WHERE:
			1	SW 1/4 OF LSD.
GOLDEN LAKE NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL.
GOLDEN LAKE NORTH WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL.
GOLDEN LAKE SOUTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
GOLDEN LAKE SOUTH SPARKY SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD.
GOLDEN LAKE SOUTH WASECA SAND	SOLUTION GAS DRIVE	TWO IN-SITU WET COMBUSTION PILOT PROJECTS-(SUSPENDED) WATERFLOOD IN: GOLDEN LAKE SOUTH VOL. UNIT (SUSPENDED)	1	SE 1/4 OF LSD.
GRIFFIN FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
GRIFFIN NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
GULL LAKE BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: JOHNSTON UNIT 2: GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
GULL LAKE CENTRAL UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1 (SUSP)	2	SE 1/4 OF EVEN LSD.
GULL LAKE NORTH BASAL CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
GULL LAKE NORTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE N. SHAUNAVON UNIT	1	SE 1/4 OF LSD.
GULL LAKE ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
GULL LAKE SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN GULL LAKE SOUTH VOLUNTARY UNIT NO. 1 (SUSPENDED)	2	EVEN NUMBERED LSD.
GULLY LAKE WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GULLY LAKE WASECA VOL. UNIT (SUSPENDED)	1	SE 1/4 OF LSD.
HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 10, RGE 6, SEC: NW 1/4 OF 17, 18, 19, 20; WHERE:
			2	ODD NUMBERED LSD.
HARTAVEN FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
HARTAVEN WINNIPEG SAND	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
HASTINGS EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
HASTINGS FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: HASTINGS FROBISHER UNIT 2: HASTINGS VOLUNTARY UNIT NO. 1 3: HASTINGS VOLUNTARY UNIT NO. 2 (SUSPENDED)	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: SE 1/4 & N 1/2 OF 10, 15, N 1/2 OF 16, 21, 22, S 1/2 OF 27, S 1/2 OF 28, LSDS 13,14 & NE 1/4 OF 31; TWP 4, RGE 33, SEC: LSDS 1,2,5,6 & N 1/2 OF 6, S 1/2 OF 7; TWP 3, RGE 34, SEC: 22, W 1/2 OF 26, 27, 34, SW 1/4 OF 35; TWP 4, RGE 34, SEC: LSDS 13,14 & NE 1/4 OF 1, 3, N 1/2 OF 10, LSDS 5,6,7,8 & N 1/2 OF 11, LSDS 9,10 & S 1/2 OF 12, LSDS 1,2 & W 1/2 OF 14, N 1/2 & SW 1/4 OF 15, S 1/2 & NE 1/4 OF 22, LSDS 3 & 4 OF 23; TWP 3, RGE 1, SEC: NE 1/4 OF 24, 25, 36; TWP 4, RGE 1, SEC: S 1/2 OF 1, LSDS 7,8 & N 1/2 OF 12, LSDS 11,12, NE 1/4 & S 1/2 OF 13, LSDS 7 & 8 OF 14, SE 1/4 OF 24; WHERE:
			1	CENTER OF LSD; B: TWP 3, RGE 34, SEC: 21, 28, 33; TWP 4, RGE 34, SEC: 4, E 1/2 OF 9, SW 1/4 OF 10, 16, E 1/2 OF 21, NW 1/4 OF 22, W 1/2 OF 27, 28, 33, W 1/2 OF 34; TWP 5, RGE 34, SEC: W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS.
HASTINGS NORTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 9, SE 1/4 OF 16; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS.
HASTINGS WEST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
HAZELWOOD CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: A: TWP 11, RGE 4, SEC: N 1/2 OF 7, SW 1/4 OF 17, S 1/2 & NW 1/4 OF 18, SW 1/4 OF 19; TWP 11, RGE 5, SEC: NE 1/4 OF 13, WHERE:
			2	EVEN NUMBERED LSD; B: TWP 11, RGE 5, SEC: W 1/2 OF 13, N 1/2 OF 14, NE 1/4 OF 15, 23, 24; WHERE:
			2	ODD NUMBERED LSD; C: TWP 11, RGE 4, SEC: N 1/2 OF 17, NE 1/4 OF 18, E 1/2 OF 19, 20; WHERE:
			1	SEE POOL ORDER FOR DETAILS.
HAZELWOOD SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 11, RGE 5, SEC: E 1/2 OF 12, SE 1/4 OF 13; WHERE:
			2	EVEN NUMBERED LSD.
HAZELWOOD TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
HAZELWOOD WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HAZLET ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: HAZLET UNIT	1	CENTER OF LSD.
HEARTS HILL BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
HEWARD FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HEWARD SOUTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HILLMOND G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
HILLMOND SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
HILLMOND SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
HITCHCOCK WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: TWP 3, RGE 9, SEC: NW 1/4 OF 25, SE 1/4 OF 35; WHERE:
			2	ODD NUMBERED LSD.
HOFFER RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD, EXCEPT: A: TWP 1, RGE 14, SEC: W 1/2 OF 30, SW 1/4 OF 31; TWP 1, RGE 15, SEC: 25 TO 27, S 1/2 OF 32, S 1/2 OF 33, 34, 35, S 1/2 OF 36; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 1, RGE 15, SEC: 30; TWP 1, RGE 16, SEC: E 1/2 OF 25; WHERE:
			2	ODD NUMBERED LSD.
HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: HOOSIER BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: TWP 31, RGE 26, SEC: 6, 7, S 1/2 & NW 1/4 OF 18; TWP 31, RGE 27, SEC: 1, 2, 11 TO 14, 23, W 1/2 OF 24, W 1/2 OF 25, 26, E 1/2 OF 27; WHERE:
			1	CENTER OF LSD.
HUME FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 12, SEC: W 1/2 OF 29, E 1/2 OF 30; WHERE:
			1	CENTER OF LSD.
HUME MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

			SPACING REGULATIONS *	
POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	DRAINAGE UNITS, LSDS	TARGET AREA
HUMMINGBIRD BAKKEN SAND	WATER DRIVE	WATERFLOOD IN: HUMMINGBIRD BAKKEN SAND VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
HUMMINGBIRD BIRDBEAR	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
HUMMINGBIRD RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
HUMMINGBIRD SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
HUMMINGBIRD SOUTH RATCLIFFE	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
HUNTOON FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 8, SEC: N 1/2 OF 7, W 1/2 OF 18; TWP 6, RGE 9, SEC: NW 1/4 OF 28, 33; TWP 7, RGE 9, SEC: SW 1/4 OF 4, 12, SE 1/4 OF 13; WHERE:
			1	CENTER OF LSD.
HUNTOON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1 2: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	4	SE LSD IN 1/4 SECTION, EXCEPT: TWP 6, RGE 9, SEC: N 1/2 OF 30, 31, 32, 33, 34; TWP 7, RGE 9, SEC: W 1/2 OF 2, 3, 4, E 1/2 OF 5, 10; TWP 6, RGE 10, SEC: N 1/2 OF 25, NE 1/4 OF 26, E 1/2 OF 33, 34, 35, 36; TWP 7, RGE 10, SEC: 4; WHERE:
			2	ODD NUMBERED LSD.
HUNTOON NORTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ILLERBRUN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: ILLERBRUN VOLUNTARY UNIT	2	ODD NUMBERED LSD.
INGOLDSBY EAST ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
INGOLDSBY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
INGOLDSBY NORTH ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
INGOLDSBY WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
INNES FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
INSTOW UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: INSTOW UNIT 2: INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	2	ODD NUMBERED LSD.
JAVA CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
JAVA NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
JAVA WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLODD	1	SEE POOL ORDER FOR DETAILS
JOHNSTON UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
KENNEDY SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
KENOSEE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
KERROBERT MANNVILLE SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD.
KERROBERT NORTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
KERROBERT VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD, EXCEPT: TWP 32, RGE 23, SEC: NE 1/4 OF 26, 36, TWP 33, RGE 23, SEC: 2; WHERE:
			1/2	NE & SW 1/4 OF LSD
KISBEY BIRDBEAR	WATER DRIVE	NONE	2	ODD NUMBERED LSD
KISBEY FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
KISBEY SOUTH FROB ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
LAKE ALMA RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN LAKE ALMA VOLUNTARY UNIT	2	EVEN NUMBERED LSD

DEVELOPMENT DATA - OIL POOLS

	NATURAL	ENHANCED	SPACING REGULATIONS *	
	DEPLETION	RECOVERY	DRAINAGE	TARGET
POOL NAME	MECHANISM	PROJECTS	UNITS, LSDS	AREA
LANDROSE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: W 1/2 OF 6, W 1/2 OF 7, SW 1/4 OF 18; TWP 50, RGE 26, SEC: E 1/2 & NW 1/4 OF 1, 12, S 1/2 OF 13; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LANDROSE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD, EXCEPT: SEE LANDROSE MCLAREN SAND POOL.
LASHBURN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
LASHBURN MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: TWP 49, RGE 24, SEC: E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LASHBURN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: TWP 48, RGE 23, SEC: 18; TWP 48, RGE 24, SEC: NW 1/4 OF 14, NE 1/4 OF 15, E 1/2 OF 22, 23; WHERE:
			1	SE 1/4 OF LSD.
LASHBURN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE LASHBURN SOUTH SPARKY SAND POOL.
LASHBURN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: TWP 49, RGE 24, SEC: E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LASHBURN WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: LASHBURN WASECA VOLUNTARY UNIT (SUSPENDED)	1	SW 1/4 OF LSD, EXCEPT: TWP 49, RGE 24, SEC: E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LASHBURN WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: A: TWP 48, RGE 25, SEC: W 1/2 OF 16, 17, LSDS 1, 2, 4, 5, 7, 8, 9, 10, 12, 13 & 16 OF 20, W 1/2 OF 21, W 1/2 OF 22, W 1/2 OF 28, LSDS 1, 4, 5, 8 & N 1/2 OF 29; WHERE:
			1	100 M SQUARE IN SE 1/4 OF LSD, EXCEPT: B: TWP 48, RGE 25, SEC: LSDS 3, 6, 11, 14 & 15 OF 20, LSDS 2, 3, 6 & 7 OF 29; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LEITCHVILLE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: LEITCHVILLE SHAUNAVON VOLUNTARY UNIT	2	EVEN NUMBERED LSD.
LEON LAKE SHAUNAVON	SOLUTION GAS DRIVE	PILOT WATERFLOOD WATERFLOOD	2	ODD NUMBERED LSD.
LIGHTNING SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
LIGHTNING TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
LLOYDMINSTER SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SPECIAL PROVISIONS FOR PARTIAL LSD.
LONE ROCK SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/4	CENTER OF EACH 1/4 LSD.
LONG LAKE WASECA SAND	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

			SPACING REGULATIONS *	
POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	DRAINAGE UNITS, LSDS	TARGET AREA
LOST HORSE HILL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 10, RGE 7, SEC: 5, S 1/2 & NE 1/4 OF 6; TWP 9, RGE 8, SEC: NW 1/4 OF 20; WHERE:
			2	ODD NUMBERED LSD.
LOUGHEED MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD, EXCEPT: TWP 6, RGE 15, SEC: SW 1/4 OF 23; WHERE:
			1	CENTER OF LSD.
LOVERNA SUCCESS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
LOW LAKE EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD.
LOW LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NE & SW 1/4 OF LSD.
LUCKY HILLS VIKING	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1	CENTER OF LSD.
LUSELAND BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
LUSELAND MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MACKLIN SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
MACOUN MIDALE BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: MACOUN MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
MACOUN NORTH WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: A: TWP 4, RGE 8, SEC: SW 1/4 OF 32; WHERE:
			1	CENTER OF LSD; B: TWP 4, RGE 8, SEC: SW 1/4 OF 30, LSDS 9 & 10 OF 31; TWP 5, RGE 8, SEC: LSDS 7 & 8 OF 6; WHERE:
			2	ODD NUMBERED LSD; C: TWP 4, RGE 8, SEC: LSDS 15 & 16 OF 31; TWP 5, RGE 8, SEC: LSDS 1 & 2 OF 6; WHERE: SEE POOL REGULATIONS
MACOUN SOUTH MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
MACOUN WEST MIDALE BEDS	PARTIAL WATER DRIVE	NONE	4	NW LSD OF 1/4 SECTION
MACOUN WINNIPEGOSIS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: SOUTH MACOUN WINNIPEGOSIS VOL. UNIT NO. 1	4	CENTER OF 1/4 SECTION
MAIDSTONE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MAIDSTONE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MAIDSTONE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MAIN SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS MAIN UNIT	1	SW 1/4 OF LSD.
MANITO LAKE EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 43, RGE 25, SEC: NE 1/4 OF 15, S 1/2 OF 22; WHERE:
			1/2	NW & SE 1/4 OF LSD.
MANITO LAKE SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
MANOR LOWER WATROUS ALIDA BEDS	WATER DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
MANOR NORTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
MANSUR RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION
MANTARIO EAST BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO E. BASAL MANNVILLE VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
MANTARIO NORTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO N. BASAL MANNVILLE SAND VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
MARENGO SOUTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD
MARSDEN NORTH SPARKY SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SPECIAL PROVISIONS FOR PARTIAL LSD
MARSDEN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1 2: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2	1	SE 1/4 OF LSD, EXCEPT: TWP 44, RGE 28, SEC: LSDS 11, 12 & 14 OF 17; WHERE:
		3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3 3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	1/2	NW & SE 1/4 OF LSD
MARSDEN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD, EXCEPT: TWP 44, RGE 28, SEC: 34; WHERE:
			1/2	NW & SE 1/4 OF LSD
MELROSE FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
MEOTA LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MERVIN CENTRAL SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
MERVIN CENTRAL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
MERVIN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MERVIN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MERVIN WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 20, SEC: LSDS 2, 3, 6, 7, 10 & 11 OF 6; TWP 50, RGE 21, SEC: N 1/2 OF 26, E 1/2 OF 34, 35, LSDS 3, 6, 7, 10, 11, 14 & 15 OF 36; WHERE:
			1/2	NW & SE 1/4 OF LSD
MIDALE CENTRAL FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 6, RGE 10, SEC: NW 1/4 OF 15, LSDS 5 TO 16 OF 16, LSDS 5 TO 12 OF 17, LSDS 3 & 4 OF 22; WHERE:
			1	CENTER OF LSD
MIDALE CENTRAL MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE UNIT 2: MIDALE EAST VOL. UNIT NO. 1 3: MIDALE SOUTH VOL. UNIT NO. 1 4: MIDALE SOUTH VOL. UNIT NO. 2 5: MIDALE SOUTH VOL. UNIT NO. 3 PILOT CARBON DIOXIDE FLOOD IN: MIDALE UNIT (SUSPENDED)	2	ODD NUMBERED LSD
MIDALE RED RIVER	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE RED RIVER VOLUNTARYUNIT NO. 1	4	CENTER OF 1/4 SECTION
MIDALE WEST RED RIVER	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION
MILTON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MILTON SUCCESS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MINARD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION
MINTON RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION
MINTON WINNIPEGOSIS	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: TWP 3, RGE 21, SEC: SW 1/4 OF 17, WHERE:
			2	ODD NUMBERED LSD
MONTMARTRE RED RIVER	SOLUTION GAS DRIVE	NONE	4	SEE POOL ORDER FOR DETAILS
MOOSE MOUNTAIN TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
MOOSE VALLEY SOUTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 11, RGE 6, SEC: E 1/2 OF 27, WHERE:
			2	ODD NUMBERED LSD
MOOSE VALLEY TILSTON BEDS	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
MOOSOMIN RED JACKET SAND	PARTIAL WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.
MORRISVIEW FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
MORRISVIEW SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
MORRISVIEW WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NEILBURG COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MCLAREN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
NEPTUNE NORTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
NEPTUNE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
NORTH ANTLER MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ANTLER VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
NORTHGATE EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTHGATE FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
NORTHGATE MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHGATE MIDALE VOLUNTARY UNIT (SUSPENDED)	2	ODD NUMBERED LSD.
NORTH HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTH HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	1	CENTER OF LSD.
NORTH HOOSIER BASAL MANNVILLE	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	1/2	SW & NE 1/4 OF LSD, EXCEPT: TWP 32, RGE 26, SEC: NW 1/4 OF 19, NW 1/4 OF 29, 30, S 1/2 & NE 1/4 OF 31, W 1/2 OF 32; TWP 32, RGE 27, SEC: N 1/2 OF 24, E 1/2 OF 25; WHERE:
			1/2	NW & SE 1/4 OF LSD
NORTHMINSTER NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 27, SEC: 6, WHERE:
			1/2	NW & SE 1/4 OF LSD
NORTHMINSTER NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 27, SEC: 6, WHERE:
			1/2	NW & SE 1/4 OF LSD
NORTHMINSTER SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHMINSTER SPARKY VOLUNTARY UNIT	1	SW 1/4 OF LSD, EXCEPT: TWP 50, RGE 27, SEC: NW 1/4 OF 2, 11, LSDS 12,13,14,15 & 16 OF 12, S 1/2 & NW 1/4 OF 13, 14, N 1/2 OF 19, NW 1/4 OF 20, W 1/2 OF 29, 30, 31, TWP 50, RGE 28, SEC: E 1/2 OF 36, WHERE:
			1	SE 1/4 OF LSD
NORTH PORTAL MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD
NORTH PREMIER ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. NORTH PREMIER UNIT NO. 1 2. NORTH PREMIER UNIT NO. 4	1	SW 1/4 OF LSD

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
NORTH PREMIER UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT 2: NORTH PREMIER VOL. UNIT NO. 4	1	SW 1/4 OF LSD, EXCEPT: TWP 14, RGE 19, SEC: NW 1/4 OF 27, N 1/2 OF 28, 33; WHERE:
			1	CENTER OF LSD.
NORTH SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
NOTTINGHAM ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM SOUTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 5, RGE 33, SEC: 10, W 1/2 OF 11, NW 1/4 OF 13, 14, 15, 23, W 1/2 OF 24; WHERE:
			1	CENTER OF LSD.
NOTUKEU UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION.
OAKLEY FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ONWARD BASAL MANNVILLE SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 34, RGE 24, SEC: LSDS 1 & 8 OF 10, LSDS 2, 3, 4 & 5 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
OPENSHAW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
OUNGRE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: OUNGRE VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD, EXCEPT: TWP 2, RGE 14, SEC: N 1/2 OF 14, NW 1/4 OF 15, NE 1/4 OF 16, N 1/2 OF 19, N 1/2 & SE 1/4 OF 20, 21, 22, 23, 26 TO 30, SE 1/4 OF 31, S 1/2 OF 32, SW 1/4 OF 33; TWP 2, RGE 15, SEC: NE 1/4 OF 25; WHERE:
			1	CENTER OF LSD.
OXBOW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PARKMAN SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
PARKMAN SOUTH TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON-SOURIS VALLEY	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
PENNANT UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD.
PHEASANT RUMP ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PIKES PEAK G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK WASECA SAND	SOLUTION GAS DRIVE	CYCLIC STEAM STIMULATION	1	SE 1/4 OF LSD.
PINTO EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
PINTO FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE:
			2	ODD NUMBERED LSD; B: TWP 2, RGE 4, SEC: NW 1/4 OF 2, S 1/2 OF 11, N 1/2 OF 26, S 1/2 OF 35; WHERE:
			1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
PINTO MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. SOUTH PINTO UNIT (SUSPENDED) 2. PINTO VOL. UNIT NO. 2	2	EVEN NUMBERED LSD, EXCEPT: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE:
			2	ODD NUMBERED LSD.
PLATO NORTH VIKING	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	CENTER OF LSD.
PLATO VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: PLATO VIKING VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
PLENTY VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
PLOVER LAKE BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD STEAMFLOOD	1	SE 1/4 OF LSD.
PLOVER LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PLOVER LAKE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 35, RGE 27, SEC: LSD 15 OF 35; TWP 36, RGE 27, SEC: LSDS 1 & 2 OF 2; WHERE:
			1/2	NW & SE 1/4 OF LSD.
PLOVER LAKE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PLOVER LAKE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PRAIRIEDALE VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE EAST FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 21, E 1/2 OF 28, E 1/3 OF 33; TWP 6, RGE 34, SEC: E 1/2 OF 4, E 1/2 OF 9, E 1/2 OF 16, SE 1/4 OF 21; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
QUEENSDALE NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
RALPH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH MIDALE BEDS VOL. UNIT	2	ODD NUMBERED LSD.
RALPH WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH WEST MIDALE BEDS VOL. UNIT NO. 1	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 14, SEC: N 1/2 OF 28, NE 1/4 OF 29, S 1/2 OF 33, S 1/2 & LSDS 9, 10, 11, & 12 OF 34; WHERE:
			1	CENTER OF LSD.
RANGEVIEW EAST MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
RANGEVIEW MADISON	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
RAPDAN NORTH LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SW LSD OF 1/4 SECTION
RAPDAN SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	4	SW LSD OF 1/4 SECTION
RAPDAN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: RAPDAN UNIT 2: NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT 3: RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2 (SUSP) PILOT POLYMER FLOOD IN: RAPDAN UNIT	1	CENTER OF LSD, EXCEPT: TWP 4, RGE 20, SEC: 4, 9; WHERE:
			2	EVEN NUMBERED LSD.
RAPDAN WEST SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	NE LSD OF 1/4 SECTION
RED JACKET GRAVELBOURG	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
RED JACKET SAND	PARTIAL WATER DRIVE	WATERFLOOD	1/4	CENTER OF DRAINAGE UNIT
RED JACKET SOUTH RED JACKET SAND	WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
REDVERS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
REWARD WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
ROCANVILLE BAKKEN SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1 2: ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	1	CENTER OF LSD
RONCOTT BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	2	ODD NUMBERED LSD.
ROSEBANK ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
ROSEBANK SOUTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ROSS LAKE CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
RUSH LAKE G.P. SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 6, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 OF 12; WHERE: NW & SE 1/4 OF LSD.
RUSH LAKE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUSH LAKE SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUSH LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUTLAND CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SALT LAKE LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SENLAC CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD.
SENLAC LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD
SENLAC WASECA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SERVICE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 8, RGE 34, SEC: NW 1/4 OF 11, SW 1/4 OF 14; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SEWARD CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
SEWARD SUCCESS SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
SHERWOOD FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERDALE SPARKY SAND	SOLUTION GAS DRIVE	PILOT WATER ALTERNATING GAS INJECTION	1/4 1	CENTER OF EACH 1/4 LSD, EXCEPT: A: TWP 49, RGE 28, SEC: LSDS 3,6,11,14 & E 1/2 OF 14, LSDS 3,6,11,14 & SE 1/4 OF 23; WHERE: CENTER OF LSD; B: TWP 48, RGE 28, SEC: LSDS 4,5,12 & 13 OF 14, LSDS 1,8,9 & 16 OF 15, LSDS 1,8,9 & 16 OF 22, LSDS 4,5,12 & 13 OF 23, LSDS 1,8,9 & 16 OF 27, LSDS 1,8, 9 & 16 OF 34; TWP 49, RGE 28, SEC: LSDS 1,8,9, & 16 OF 3, LSDS 1,8,9 & 16 OF 10, LSDS 1,8,9 & 16 OF 15; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SILVERTON EAST FROBISHER BEDS	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
SILVERTON FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
SILVERTON WEST FROB-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SKINNER LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SMILEY BAKKEN VOL. UNIT NO. 1	1	SEE POOL ORDER FOR DETAILS.
SMILEY-DEWAR VIKING	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD, EXCEPT: TWP 30, RGE 25, SEC: 29, 30, 31, 32: WHERE: SEE POOL ORDER FOR DETAILS.
SODA LAKE CUMMINGS SAND	PARTIAL WATER DRIVE	VAPEX PROCESS	1	SE 1/4 OF LSD.
SOURIS FLAT FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOURIS FLAT SOUTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH FLETWODE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: SUCCESS UNIT	1	SW 1/4 OF LSD.
STANDARD HILL NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH REX SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
STANDARD HILL WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
STAR VALLEY FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
STAR VALLEY SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: STEELMAN UNIT NO. 1A 2: STEELMAN UNIT NO. 2 3: STEELMAN UNIT NO. 3 4: STEELMAN UNIT NO. 4 5: STEELMAN UNIT NO. 5 6: STEELMAN UNIT NO. 6 7: STEELMAN UNIT NO. 7 8: LAMPMAN UNIT 9: DOUGLASTON MIDALE BEDS UNIT 10: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1 11: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2 (SUSP)	2	ODD NUMBERED LSD.
STEELMAN WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	4	CENTER OF 1/4 SECTION

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
STORTHOAKS ALIDA BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	2	EVEN NUMBERED LSD.
STORTHOAKS EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STOUGHTON FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON SOUTH FROBISHER BEDS	PARTIAL WATER DRIVE	PILOT WATERFLOOD	2	ODD NUMBERED LSD.
SUCCESS NORTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS NORTH ROSERAY VOLUNTARY UNIT	1	CENTER OF LSD.
SUCCESS ROSERAY SAND ALPHA	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS ALPHA UNIT	1	SW 1/4 OF LSD.
SUFFIELD BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SUFFIELD ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 1 2: SUFFIELD UNIT NO. 3	2	ODD NUMBERED LSD, EXCEPT: TWP 14, RGE 19, SEC: 17, E 1/2 & NW 1/4 OF 18, S 1/2 OF 19, S 1/2 OF 20; WHERE:
			1	CENTER OF LSD.
SUFFIELD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 2 2: SUFFIELD UNIT NO. 3	2	ODD NUMBERED LSD.
SUFFIELD WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
SUPERB NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
SUPERB WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
TABLELAND WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: TABLELAND VOL. UNIT NO. 1	4	SE LSD OF 1/4 SECTION.
TANGLEFLAGS EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
TANGLEFLAGS G.P. SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: TANGLEFLAGS VOL. UNIT NO. 2 2: TANGLEFLAGS VOL. UNIT NO. 4 (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE
			1/2	SE & NW 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
TANGLEFLAGS MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 52, RGE 25, SEC: 10 TO 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS NORTH LLOYD/ CUMMINGS SAND	SOLUTION GAS DRIVE	STEAMFLOOD/HORIZONTAL WELLS	1	SE 1/4 OF LSD, EXCEPT: TWP 52, RGE 25, SEC: 10 TO 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST LLOYD SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
TANGLEFLAGS WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TATAGWA CENTRAL MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
TATAGWA MIDALE BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 15, SEC: SE 1/4 OF 30; WHERE:
			2	ODD NUMBERED LSD.
TATAGWA NORTH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
TATAGWA WEST MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
TAYLORTON MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
THIRTY LAKE ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
TURTLEFORD SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD.
TURTLEFORD WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD.
TYVAN RED RIVER	SOLUTION GAS DRIVE	PILOT WATERFLOOD	4	SEE POOL ORDER FOR DETAILS.
UNION JACK MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
VERENDRYE VIKING SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	CENTER OF LSD.
VERLO ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VERLO ROSERAY SAND UNIT	1	CENTER OF LSD.
VIEWFIELD EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
VIEWFIELD FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VIEWFIELD VOL. UNIT NO. 1 (SUSP)	1	CENTER OF LSD.
VIEWFIELD RIM	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
VIEW HILL MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WAPELLA MANNVILLE SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WAPELLA RED JACKET SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WAPELLA SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WARMLEY ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WAUCHOPE ALIDA-TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WAUCHOPE CENTRAL TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WAUCHOPE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WAUCHOPE SOUTH ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WAUCHOPE WEST ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 34, SEC: NE 1/4 OF 33, NW 1/4 OF 34; TWP 7, RGE 34, SEC: SW 1/4 OF 2; WHERE:
			SEE POOL REGULATIONS RE PARTIAL SECTIONS.	
WEBB CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEBB SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEBB WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEIR HILL FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WELWYN BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
WELWYN RED JACKET	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WELWYN SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
WESTHAZEL G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: 4; WHERE:
			1/2	SE & NW 1/4 OF LSD.
WESTHAZEL MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL.
WESTHAZEL SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL.
WESTHAZEL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL.
WEST INNES FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WEST KINGSFORD MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WEYBURN FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 6, RGE 11, SEC: W 1/2 OF 31; TWP 7, RGE 11, SEC: 5, 6, 7, 8; TWP 5, RGE 12, SEC: S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC: LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC: 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC: E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC: 28, 29, 32, 33; TWP 7, RGE 14, SEC: N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE:
			2	ODD NUMBERED LSD; B: TWP 7, RGE 12, SEC: W 1/2 OF 6, W 1/2 OF 7, W 1/2 OF 18, W 1/2 & NE 1/4 OF 19; TWP 7, RGE 13, SEC: E 1/2 OF 12, E 1/2 OF 13, LSDS 1 & 2 OF 24; WHERE:
			1	CENTER OF LSD.
WEYBURN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEYBURN UNIT 2: WEYBURN MIDALE VOLUNTARY UNIT NO. 2 (SUSPENDED) 3: WEYBURN MIDALE VOL. UNIT NO. 3 4: WEYBURN MIDALE VOL. UNIT NO. 4 5: WEYBURN MIDALE VOL. UNIT NO. 5 6: WEYBURN MIDALE VOL. UNIT NO. 6 7: WEYBURN MIDALE VOL. UNIT NO. 7 8: WEYBURN MIDALE VOL. UNIT NO. 8 9: WEYBURN MIDALE VOL. UNIT NO. 9 10: WEYBURN MIDALE VOL. UNIT NO. 10	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 11, SEC: W 1/2 OF 31; TWP 7, RGE 11, SEC: 5, 6, 7, 8; TWP 5, RGE 12, SEC: S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC: LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC: 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC: E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC: 28, 29, 32, 33; TWP 7, RGE 14, SEC: N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE:
			2	ODD NUMBERED LSD.
WHITE BEAR TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS *	
			DRAINAGE UNITS, LSDS	TARGET AREA
WHITE BEAR TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WHITEMUD SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
WHITESIDE VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: WHITESIDE VIK. VOL. UNIT (SUSP.)	1	CENTER OF LSD.
WILDWOOD ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WILLMAR FROBISHER-ALIDA BEDS	WATER DRIVE SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: 1: WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1 2: NORTH DALESBORO UNIT NO. 1 3: NORTH CENTRAL WILLMAR VOL. UNIT	1	CENTER OF LSD.
WILLMAR NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: WILLMAR NORTH FROB-ALIDA VOL. UNIT NO. 1	2	EVEN NUMBERED LSD.
WILLMAR WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WINMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WINTER CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
WINTER SOUTH CUMMINGS SAND	PARTIAL WATER DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
WINTER SOUTH MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
WORDSWORTH EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WORDSWORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WORDSWORTH NORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WORKMAN FROBISHER BEDS	SOLUTION GAS DRIVE WATER DRIVE	WATERFLOOD IN: 1. WORKMAN FROB. VOL UNIT NO. 1 2: WORKMAN FROB.VOL. UNIT NO. 2	2	ODD NUMBERED LSD.
WORKMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WORKMAN MIDALE VOL. UNIT NO. 1 2: WORKMAN MIDALE VOL. UNIT NO. 2 3: WORKMAN VOLUNTARY UNIT NO. 3 4: WORKMAN VOLUNTARY UNIT NO. 4	2	ODD NUMBERED LSD.
WORKMAN SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2002.

GAS POOL DEVELOPMENT DATA

	SPACING REGULATIONS *	
POOL NAME	DRAINAGE UNIT SECTIONS	TARGET AREA
BARTHEL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BATTLE CREEK WEST SECOND WHITE SPECKS GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE).
BAYHURST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BAYHURST WEST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL SOUTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL WEST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEAR CREEK MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEVERLEY EAST CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BIGSTICK SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE),
	1/2	EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 4 TO 7, 17 TO 20; TWP 12, RGE 26, SEC: 6 TO 9, 13 TO 16, 23, 24, 25, 35, 36; TWP 13, RGE 26, SEC: 1 TO 3, 6 TO 24, 33, 34; TWP 12, RGE 27, SEC: 1, 2, S 1/2 OF 17, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 27, SEC: 1 TO 3, 10 TO 14, 22 TO 24; TWP 14, RGE 27, SEC: N 1/2 OF 7, 8, 9, 16, 18, 30, 31, 32; TWP 12, RGE 28, SEC: N 1/2 OF 24; TWP 13, RGE 28, SEC: S 1/2 OF 7, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 28, SEC: 13, N 1/2 OF 14, N 1/2 OF 15, N 1/2 OF 20, 21, 22, 24, 28, 33, 36; TWP 15, RGE 28, SEC: 1 TO 4, 7 TO 9; TWP 13, RGE 29, SEC: 1 TO 12, S 1/2 OF 17, S 1/2 OF 18, N 1/2 OF 23, N 1/2 OF 24, N 1/2 OF 25, 26, S 1/2 OF 35; TWP 15, RGE 29, SEC: 12, N 1/2 OF 15, N 1/2 OF 16, N 1/2 OF 17, N 1/2 OF 18; TWP 13, RGE 30, SEC: 1, 12, N 1/2 OF 24, N 1/2 OF 25; WHERE: CENTER OF NE AND SW 1/4 OF SECTION. B: TWP 14, RGE 26, SEC: 21; TWP 13, RGE 27, SEC: 15; TWP 12, RGE 28, SEC: N 1/2 OF 25, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 28, SEC: N 1/2 OF 4, N 1/2 OF 5, 8, N 1/2 OF 9: TWP 14, RGE 28, SEC: 29, 32; TWP 15, RGE 28, SEC: 5, N 1/2 OF 6; WHERE: NE CORNER OF NE AND SW 1/4 OF SECTION.
	1/4	C: TWP 12, RGE 26, SEC: 17 to 20; TWP 12, RGE 27, SEC: 3, 4, 10 TO 16, N 1/2 OF 17, 19 TO 25, N 1/2 OF 27, N 1/2 of 34, N 1/2 OF 35, 36; TWP 12, RGE 28, SEC: S 1/2 OF 24; TWP 13, RGE 28, SEC: 6, N 1/2 OF 7, N 1/2 OF 17, N 1/2 OF 18, 19, 29 TO 33; TWP 13, RGE 29, SEC: 13 TO 16, N 1/2 OF 17, N 1/2 OF 18, 19 TO 22, S 1/2 OF 23, S 1/2 OF 24, S 1/2 OF 25, 27 TO 34, N 1/2 OF 35, 36; TWP 14, RGE 29, SEC: 3 TO 10, 16 TO 18; TWP 13, RGE 30, SEC: 13, E 1/2 OF 14, S 1/2 OF 24, S 1/2 OF 25, 36; TWP 14, RGE 30, SEC: 1, E 1/2 OF 2, E 1/2 OF 11, 12, 13, E 1/2 OF 14; WHERE: CENTER OF 1/4 SECTION.
	1/4	D: TWP 12, RGE 27, SEC: 28 TO 33; TWP 13, RGE 27, SEC: 4 TO 9, 16 TO 21, 28 TO 30; TWP 12, RGE 28, SEC: S 1/2 OF 25, N 1/2 OF 27, 33, N 1/2 OF 34, N 1/2 OF 35, 36; TWP 13, RGE 28, SEC: 1 TO 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 9, 10 TO 16, 20 TO 28; WHERE: NE CORNER OF 1/4 SECTION. E: TWP 13, RGE 30, SEC: 2, 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 14, RGE 30, SEC: LSDS 3 TO 6 & 11 TO 14 OF 2, LSDS 3 TO 6 & 11 TO 14 OF 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 15, RGE 30, SEC: N 1/2 OF 13; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS *	
	DRAINAGE UNIT SECTIONS	TARGET AREA
BIGSTICK SECOND WHITE SPECKS GAS POOL (CONT'D)	1/4	F: TWP 13, RGE 25, SEC: 1 TO 3, 8 TO 16, 21 TO 28, 33 TO 36; TWP 14, RGE 25, SEC: 1 TO 4, 6 TO 17; TWP 12, RGE 26, SEC: 21, 22, 26 TO 34; TWP 13, RGE 26, SEC: 4, 5; TWP 13, RGE 27, SEC: 31, 32, 33; TWP 14, RGE 27, SEC: 5, 6, S 1/2 OF 7; TWP 13, RGE 28, SEC: 34, 35, 36; TWP 14, RGE 28, SEC: 1 TO 12, S 1/2 OF 14, S 1/2 OF 15, 16 TO 19, S 1/2 OF 20, 30, 31; TWP 15, RGE 28, SEC: S 1/2 OF 6; TWP 14, RGE 29, SEC: 1, 2, 11 TO 15, 19 TO 36; TWP 15, RGE 29, SEC: 1 TO 11, S 1/2 OF 15, S 1/2 OF 16, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 30, SEC: 24, 25, 36; TWP 15, RGE 30, SEC: 1, 12, S 1/2 OF 13; WHERE: 500 M INTER-WELL DISTANCE - SEE POOL ORDER.
BRANCH LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BROCK EAST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BROCK VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BRONSON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BRONSON LAKE SOUTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BRONSON LAKE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BURSTALL MEDICINE HAT SAND GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT, WHERE: NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL MILK RIVER-MEDICINE HAT GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT, WHERE: NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL NORTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CADILLAC SECOND WHITE SPECKS GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14.
CARRUTHERS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CAVALIER SPINNEY HILL SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
COLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
COLEVILLE-SMILEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CONSUL SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CONSUL UPPER SHAUNAVON GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CRANE LAKE MEDICINE HAT SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 36; WHERE: CENTER OF DRAINAGE UNIT;
	1/8	EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
CRANE LAKE MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 4 TO 7, 17, 20, W 1/2 OF 21, W 1/2 OF 28, 29, 31, 32, W 1/2 33; WHERE: CENTER OF DRAINAGE UNIT;
	1/8	EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
	1/4	EXCEPT: C: TWP 13, RGE 25, SEC: 1, 2, 3, 8 TO 16, 18, 19, E 1/2 OF 21, 22 TO 27, E 1/2 OF 28, 30, E 1/2 OF 33, 34 TO 36; TWP 14, RGE 25, SEC: 1 TO 3, E 1/2 OF 4, 8, E 1/2 OF 9, 10 TO 16; WHERE: SEE POOL ORDER FOR DETAILS.
CRANE LAKE MILK RIVER-MEDICINE HAT GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 36; WHERE: CENTER OF DRAINAGE UNIT;
	1/8	EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS *	
	DRAINAGE UNIT SECTIONS	TARGET AREA
CRANE LAKE SOUTH MEDICINE HAT SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH MILK RIVER-MEDICINE HAT GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH SECOND WHITE SPECKS GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 4, 6, 13 TO 15 & 18 TO 27; TWP 12, RGE 24, SEC: 4, 5, 6, 7; TWP 13, RGE 24, SEC: 20, 21, 28 & 29; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF NE AND SW 1/4 OF SECTION
	1/2	EXCEPT: B: TWP 13, RGE 24, SEC: 22 TO 27; WHERE: NE CORNER OF NE AND SW 1/4 OF SECTION
CYPRESS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
DODSLAND NORTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
DRAKE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
DRIVER BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
DRIVER MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FLAT VALLEY COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FLAT VALLEY ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FORT PITT COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FORT PITT NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FORT PITT NORTH WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D U EDGE)
FREEFIGHT MILK RIVER GAS POOL	1/8 1/4	NORTHEAST CORNER OF EVEN NUMBERED LSDS, EXCEPT: TWP 15, RGE 22, SEC: E 1/2 & SW 1/4 OF 7, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 30, E 1/2 OF 31; TWP 16, RGE 22, SEC: E 1/2 OF 6, E 1/2 OF 7, 8, 9, 16, E 1/2 OF 17, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 20, E 1/2 OF 21, 28, 29, N 1/2 OF 31, 32, 33, TWP 15, RGE 23, SEC: 1, 2, S 1/2 & NE 1/4 OF 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 6, S 1/2 OF 11, S 1/2 OF 12; TWP 16, RGE 23, SEC: NE 1/4 OF 36; TWP 17, RGE 23, SEC: E 1/2 & NW 1/4 OF 1, N 1/2 OF 2; TWP 15, RGE 24, SEC: S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3; WHERE: NE CORNER OF LSDS 6, 8, 14, 16

GAS POOL DEVELOPMENT DATA

	SPACING REGULATIONS *	
POOL NAME	DRAINAGE UNIT SECTIONS	TARGET AREA
FREEFIGHT NORTH MILK RIVER GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: TWP 18, RGE 24, SEC: 11, 14, 15, 16, 21, 22; WHERE: NE CORNER OF EVEN NUMBERED LSDS.
FRENCHMAN BUTTE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FRENCHMAN BUTTE ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FRENCHMAN BUTTE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GLIDDEN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GOLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GREENAN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GULL LAKE CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HALLAM COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HALLAM WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HATTON MEDICINE HAT SAND GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HATTON MILK RIVER GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HATTON MILK RIVER-MEDICINE HAT GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HILLMOND COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HILLMOND LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HOOSIER SOUTH BAKKEN SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 31, RGE 26, SEC: 31; WHERE: CENTER OF DRAINAGE UNIT.
HOOSIER VIKING SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 30, RGE 27, SEC: 26, 27, 28, 31 TO 35; TWP 31, RGE 27, SEC: 1 TO 15; TWP 30, RGE 28, SEC: 31 TO 36; TWP 31, RGE 28, SEC: 1, 2, 3, 4, 11, 12; WHERE: CENTER OF NE AND SW 1/4 OF SECTION.
HORSHAM RIBSTONE CREEK SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT.
INGEBRIGT MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF EVEN NUMBERED LSDS, EXCEPT: TWP 15, RGE 25, SEC: 6, 7, 18, 19, 30, 31; TWP 16, RGE 25, SEC: 6, 7, 18, 19, 30, 31; TWP 17, RGE 25, SEC: 6, 7, 18, 19, 30, 31; WHERE: NO WELLS TO BE DRILLED WITHIN 300 M OF THE WEST BOUNDARY OF ABOVE LANDS.
KINDERSLEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LASHBURN MCLAREN SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION.
LIEBENTHAL MILK RIVER GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 18, RGE 24, SEC: 29 TO 32; TWP 19, RGE 24, SEC: 5 TO 9, 16 TO 21, 28 TO 33; TWP 20, RGE 24, SEC: 5 TO 7; TWP 18, RGE 25, SEC: 1 TO 36; TWP 19, RGE 25, SEC: 1 TO 8, 10 TO 15, 22 TO 28, 33 TO 36; TWP 20, RGE 25, SEC: 1 TO 4, 8 TO 12, 15 TO 18, 21, 22, 27, 28, 33 TO 36; TWP 21, RGE 25, SEC: 1 TO 5, 7 TO 17; TWP 18, RGE 26, SEC: 1, 12, 13, 24, 25, 36; TWP 19, RGE 26, SEC: 1 TO 7, 9 TO 15, 18; WHERE: NE CORNER OF LSDS 2, 4, 6, 8, 10, 12, 14 OR 16.
LLOYDMINSTER COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE)
LLOYDMINSTER NORTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE), EXCEPT: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
LLOYDMINSTER SOUTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE), EXCEPT: TWP 49, RGE 28, SEC: LSDS 1, 8, 9 & 16 OF 10, W 1/2 OF 11; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA NORTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 31, RGE 29, SEC: 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA NORTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 31, RGE 29, SEC: 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA SOUTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
LOVERNA WEST BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 31, RGE 29, SEC: 26 & 35; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.

GAS POOL DEVELOPMENT DATA

	SPACING REGULATIONS *	
POOL NAME	DRAINAGE UNIT SECTIONS	TARGET AREA
LUSELAND VIKING SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE), EXCEPT: TWP 35, RGE 25, SEC: 31; TWP 35, RGE 26, SEC: 2, 7, 10 TO 36; TWP 36, RGE 26, SEC: 1 TO 12; TWP 35, RGE 27, SEC: 1, 10, 12 TO 17, 24, 25, 36; TWP 36, RGE 27, SEC: 1; WHERE: SEE POOL ORDER FOR DETAILS.
MAKWA MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
MARENGO VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MERRYFLAT SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MILTON VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MONCHY SECOND WHITE SPECKS GAS POOL	1/2	CENTER OF NE & SW 1/4 OF SECTION.
MUDIE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PARADISE HILL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PARADISE HILL WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PECK LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PECK LAKE NORTH SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PECK LAKE SOUTH SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PIERCELAND MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PIERCELAND WEST COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRAIRIEDALE EAST VIKING GAS POOL	1/2	CENTER OF NE AND SW 1/4 OF SECTION.
PRIMATE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRIMROSE LAKE EAST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRIMROSE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
REX LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SALVADOR MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENATE SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENLAC MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENLAC SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SPRUCE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SPRUCE LAKE NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SUPERB BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TANGLEFLAGS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TOTNES VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH UNITY GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VERENDRYE NORTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BEARPAW SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BEARPAW-BELLY RIVER SANDS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BELLY RIVER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHEAT VALLEY CANTUAR SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHELAN MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHELAN ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE WEST RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE WEST VIKING SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION, EXCEPT: TWP 30, RGE 26, SEC: 18 & 19; TWP 30, RGE 27, SEC: 13; WHERE: NORTHEAST & SOUTHWEST 1/4 OF SECTION
WYMARK SECOND WHITE SPECKS GAS POOL	1/2 1	NE CORNER OF LSD 8 OR LSD 14, EXCEPT: TWP 13, RGE 13, SEC: 6; TWP 13, RGE 14, SEC: 1, 2, 11, 12, WHERE: SEE POOL ORDER FOR TARGET AREAS
YONKER COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
YONKER MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2002

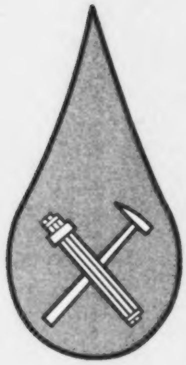
AREA SPACING DESCRIPTION

SPACING AREA	DRAINAGE UNIT SIZE (No. of Lsds)	TARGET AREA	EXCEPTIONS
OIL AREAS			
A (MRO 235/95)	2	Odd numbered Lsd. (100 m from the sides of the Lsd.)	A well greater than 2.4 km from a well capable of production from the same zone may be drilled on the even or odd Lsd. Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone shallower than the base of the Birdbear Formation.
E (MRO 1185/96)	1	Southeast quadrant of the Lsd.	Wells drilled along the fourth meridian have different drainage units and target areas. Applies to vertical wells completed in the Mannville Group, Success, Bakken, Birdbear, or Duperow Formations.
F (MRO 615/98)	4	100 m from the sides of the drainage unit.	Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone deeper than the base of the Birdbear Formation.
GAS AREAS			
G (MRO 97/91)	16	100 m from the sides of the drainage unit.	Wells drilled within a 9 Section square area centered on a Section that contains a gas well shall be drilled at least 500 m from the sides of the drainage unit. Applies to the Mannville, Second White Specks and St. Walburg Sand Formations. Special provisions for fractional Sections and Sections adjacent to fractional Sections.

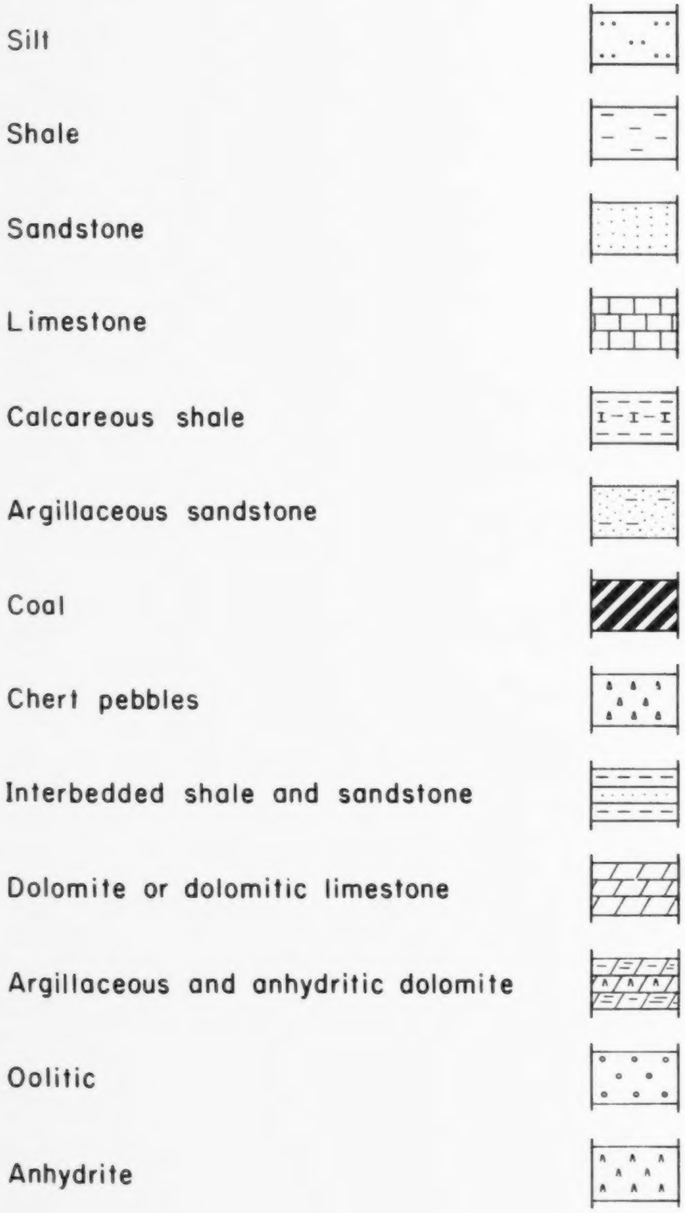
Notes:
- Spacing regulations listed are those in effect as of May 1, 2002.
- Spacing Area regulations apply to wells inside a Spacing Area, but outside any defined pool - see the appropriate Minister's Order (MRO) for complete Spacing Area provisions.
- See *The Oil and Gas Conservation Regulations, 1985* for general spacing regulations.

TYPICAL WELL LOGS

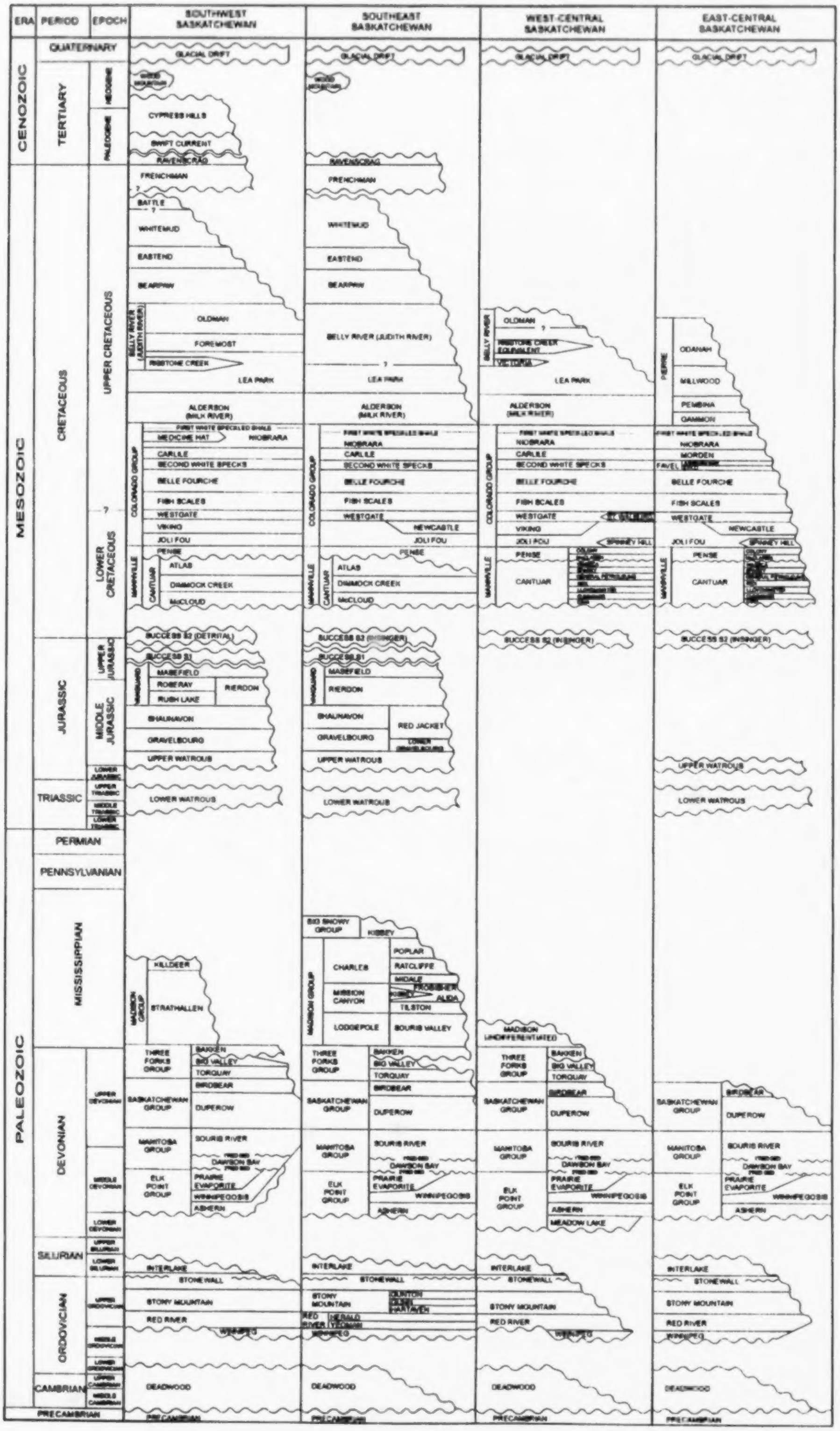
OF PRODUCING ZONES



LITHOLOGY LEGEND


Silt
Shale
Sandstone
Limestone
Calcareous shale
Argillaceous sandstone
Coal
Chert pebbles
Interbedded shale and sandstone
Dolomite or dolomitic limestone
Argillaceous and anhydritic dolomite
Oolitic
Anhydrite

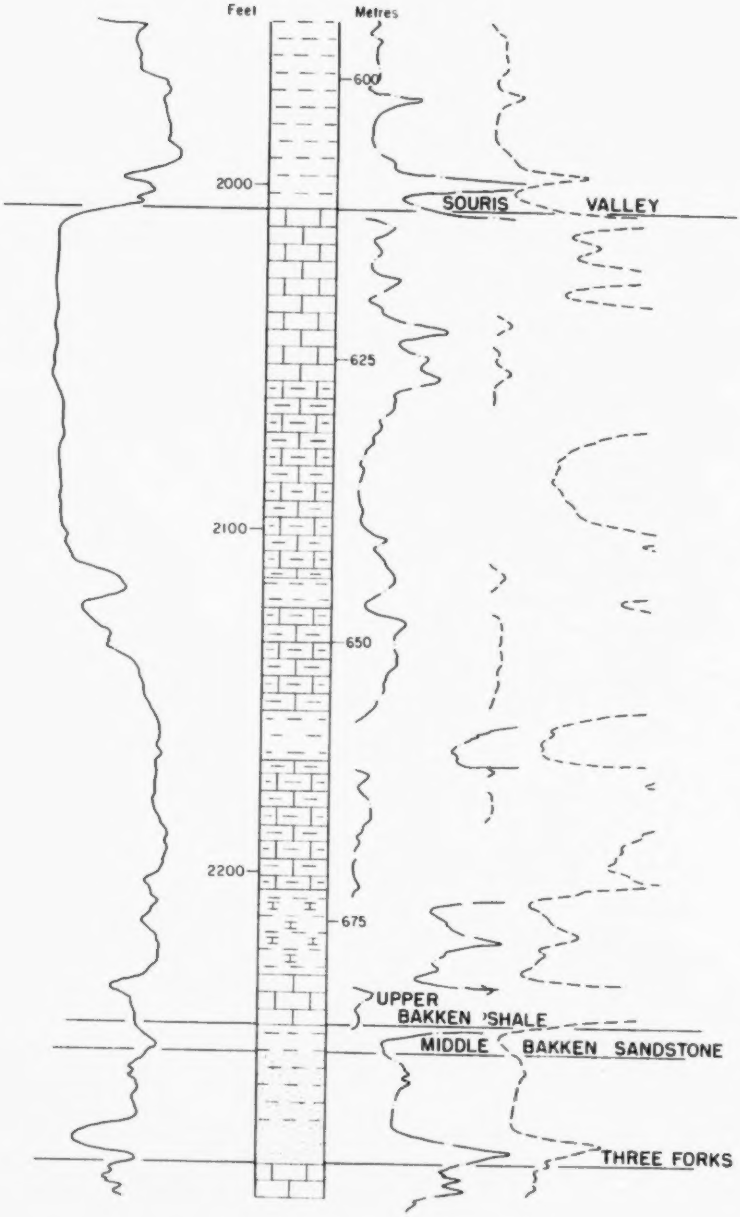
STRATIGRAPHIC CORRELATION CHART OF SASKATCHEWAN


ERA
PERIOD
EPOCH
SOUTHWEST SASKATCHEWAN
SOUTHEAST SASKATCHEWAN
WEST-CENTRAL SASKATCHEWAN
EAST-CENTRAL SASKATCHEWAN
CENOZOIC
MESOZOIC
PALEOZOIC
QUATERNARY
TERTIARY
NEOGENE
PALEOGENE
CRETACEOUS
UPPER CRETACEOUS
LOWER CRETACEOUS
JURASSIC
UPPER JURASSIC
MIDDLE JURASSIC
LOWER JURASSIC
TRIASSIC
UPPER TRIASSIC
MIDDLE TRIASSIC
LOWER TRIASSIC
PERMIAN
PENNSYLVANIAN
MISSISSIPPIAN
DEVONIAN
UPPER DEVONIAN
MIDDLE DEVONIAN
LOWER DEVONIAN
SILURIAN
UPPER SILURIAN
LOWER SILURIAN
ORDOVICIAN
UPPER ORDOVICIAN
MIDDLE ORDOVICIAN
LOWER ORDOVICIAN
CAMBRIAN
UPPER CAMBRIAN
MIDDLE CAMBRIAN
PRECAMBRIAN
GLACIAL DRIFT
WOOD MOUNTAIN
CYPRESS HILLS
SWIFT CURRENT
RAVENSCRAG
FRENCHMAN
BATTLE
WHITEMUD
EASTEND
BEARPAW
BELLY RIVER (JUDITH RIVER)
OLDMAN
FOREMOST
RIBSTONE CREEK
RIBSTONE CREEK EQUIVALENT
VICTORIA
LEA PARK
ALDERSON (MILK RIVER)
PIERRE
ODANAH
MILLWOOD
PEMBINA
GAMMON
COLORADO GROUP
FIRST WHITE SPECKLED SHALE
MEDICINE HAT
NIOBRARA
MORDEN
FAVEL
CARLILE
SECOND WHITE SPECKS
BELLE FOURCHE
FISH SCALES
WESTGATE
NEWCASTLE
VIKING
JOLI FOU
SPINNEY HILL
PENSE
MANNVILLE
CANTUAR
ATLAS
DIMMOCK CREEK
McCLOUD
SUCCESS S2 (DETRITAL)
SUCCESS S2 (INSINGER)
SUCCESS S1
VANGUARD
MASEFIELD
ROSERAY
RUSH LAKE
RIERDON
SHAUNAVON
RED JACKET
GRAVELBOURG
LOWER GRAVELBOURG
UPPER WATROUS
LOWER WATROUS
BIG SNOWY GROUP
KIBBEY
MADISON GROUP
KILLDEER
STRATHALLEN
CHARLES
POPLAR
RATCLIFFE
MIDALE
FROBISHER
ALIDA
MISSION CANYON
TILSTON
LODGEPOLE
SOURIS VALLEY
MADISON UNDIFFERENTIATED
THREE FORKS GROUP
BAKKEN
BIG VALLEY
TORQUAY
BIRDBEAR
SASKATCHEWAN GROUP
DUPEROW
MANITOBA GROUP
SOURIS RIVER
FIRST RED BED
DAWSON BAY
SECOND RED BED
ELK POINT GROUP
PRAIRIE EVAPORITE
WINNIPEGOSIS
ASHERN
MEADOW LAKE
INTERLAKE
STONEWALL
STONY MOUNTAIN
GUNTON
GUNN
PENITENTIARY
RED RIVER
HERALD
YEOMAN
WINNIPEG
DEADWOOD
PRECAMBRIAN

TRANSWEST ROCANVILLE 4-4-16-31

4-4-16-31-W1

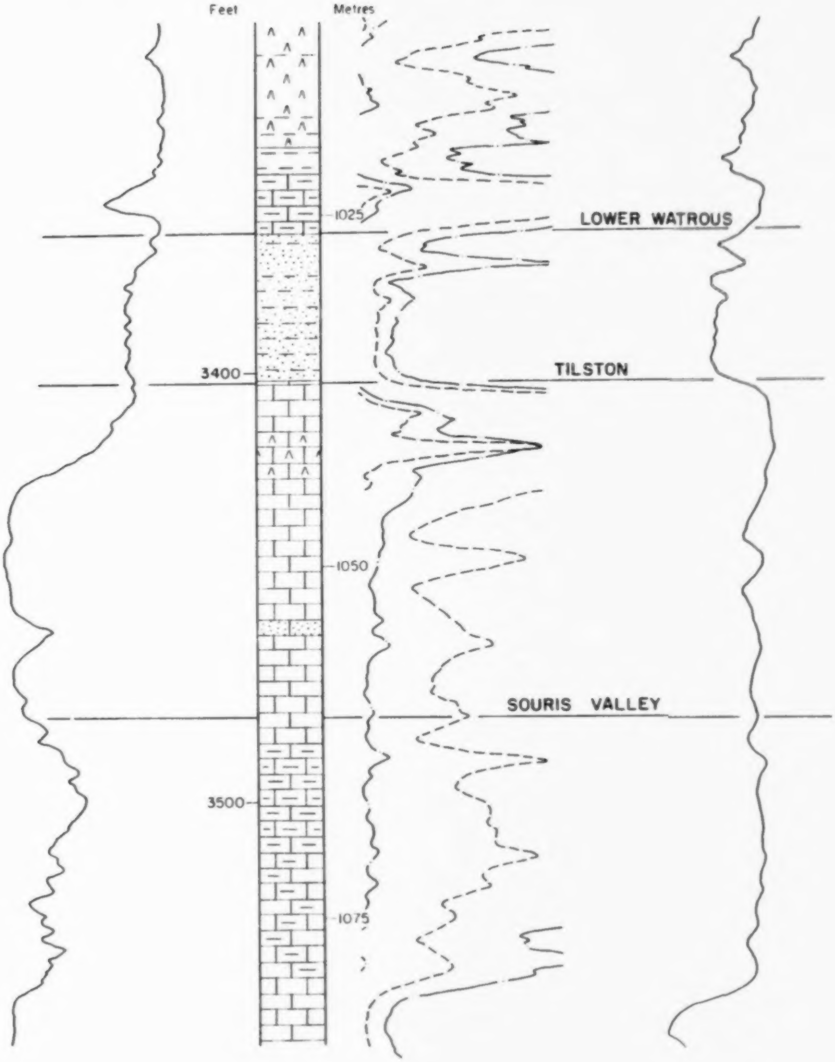
PRODUCING HORIZON : BAKKEN SAND


Feet
Metres
600
2000
SOURIS VALLEY
625
2100
650
2200
675
UPPER BAKKEN SHALE
MIDDLE BAKKEN SANDSTONE
THREE FORKS

PEMOCO PARKMAN 2-3-9-33

2-3-9-33-W1

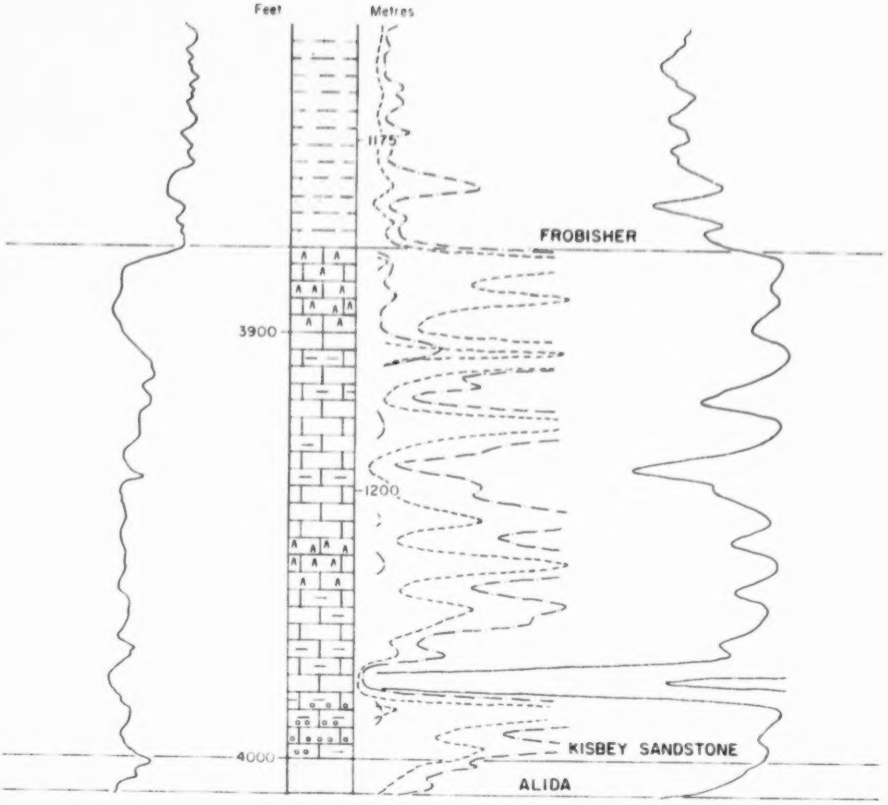
PRODUCING HORIZONS : TILSTON AND SOURIS VALLEY BEDS



MURPHY HASTINGS 7-24-4-34

7-24-4-34-W1

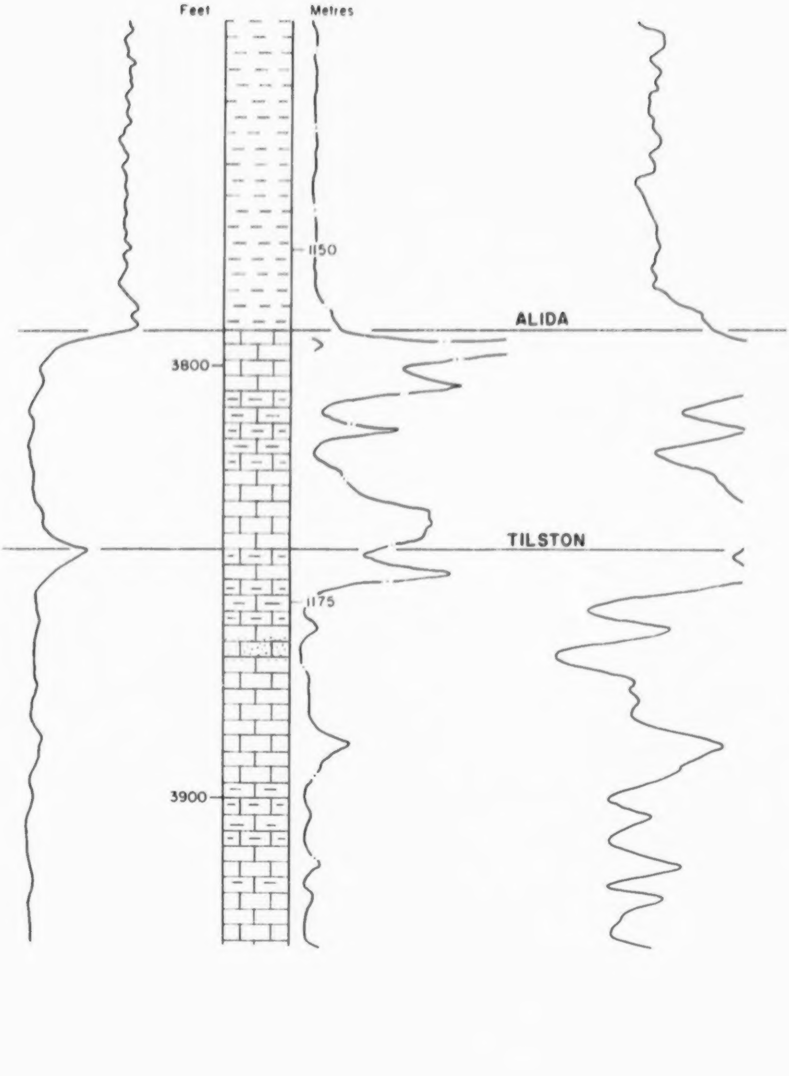
PRODUCING HORIZON : FROBISHER BEDS



UPTON QUEENSDALE 2-13-6-1

2-13-6-1-W2

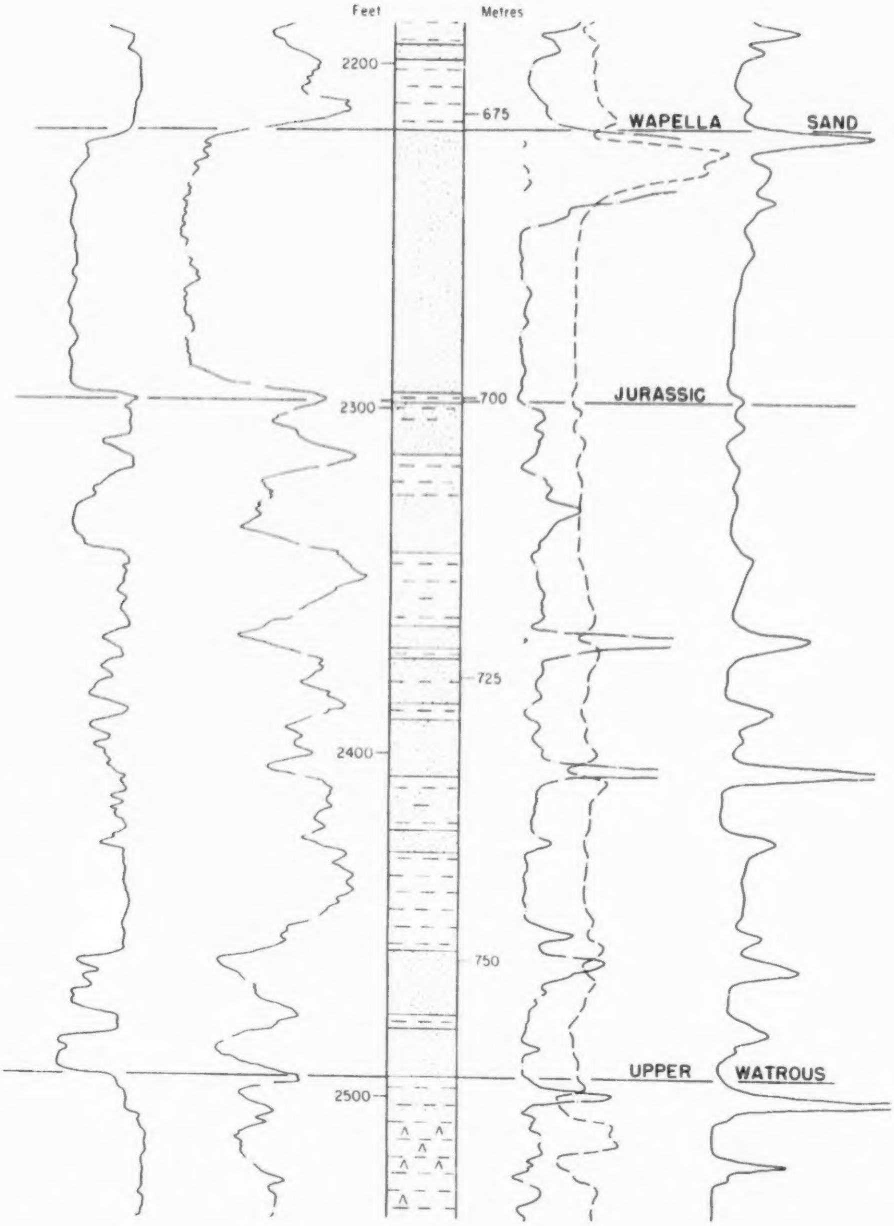
PRODUCING HORIZON : ALIDA BEDS


Feet
Metres
1150
ALIDA
3800
TILSTON
1175
3900

TIDEWATER WAPELLA 6-33

6-33-14-1-W2

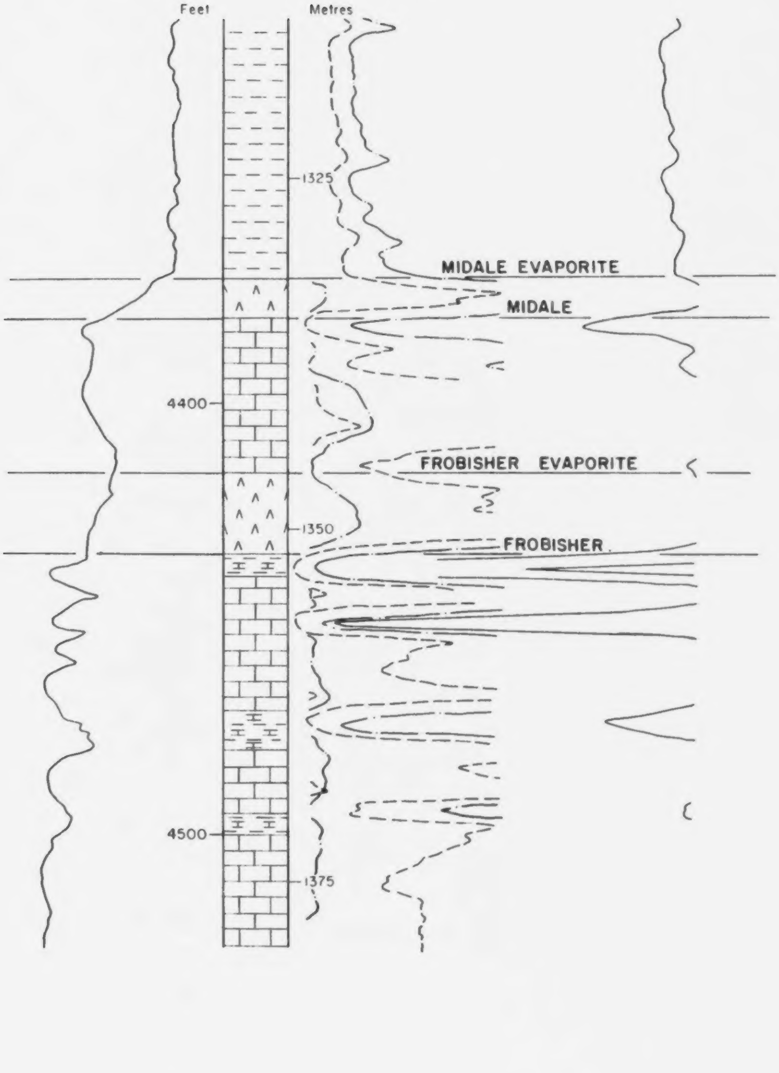
PRODUCING HORIZONS : WAPELLA AND JURASSIC SANDS



PHOENIX et al STEELMAN 5-24-5-6

5-24-5-6-W2

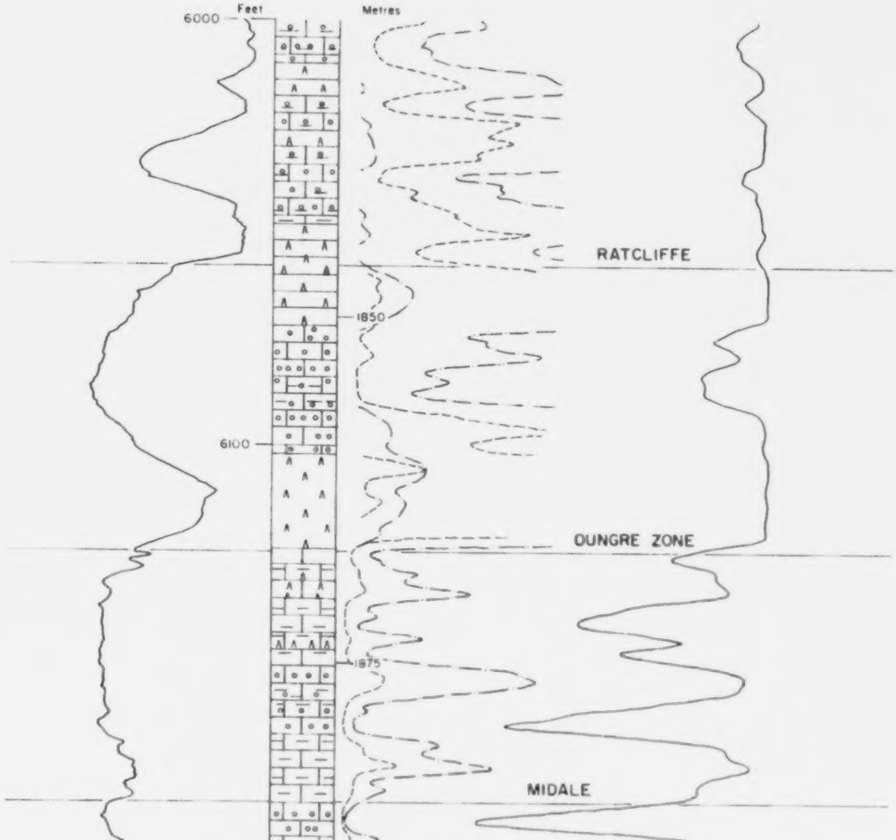
PRODUCING HORIZONS : MIDALE AND FROBISHER BEDS


Feet
Metres
1325
MIDALE EVAPORITE
MIDALE
4400
FROBISHER EVAPORITE
1350
FROBISHER
4500
1375

ARC ET AL OUNGRE 9-24-2-15

9-24-2-15-W2

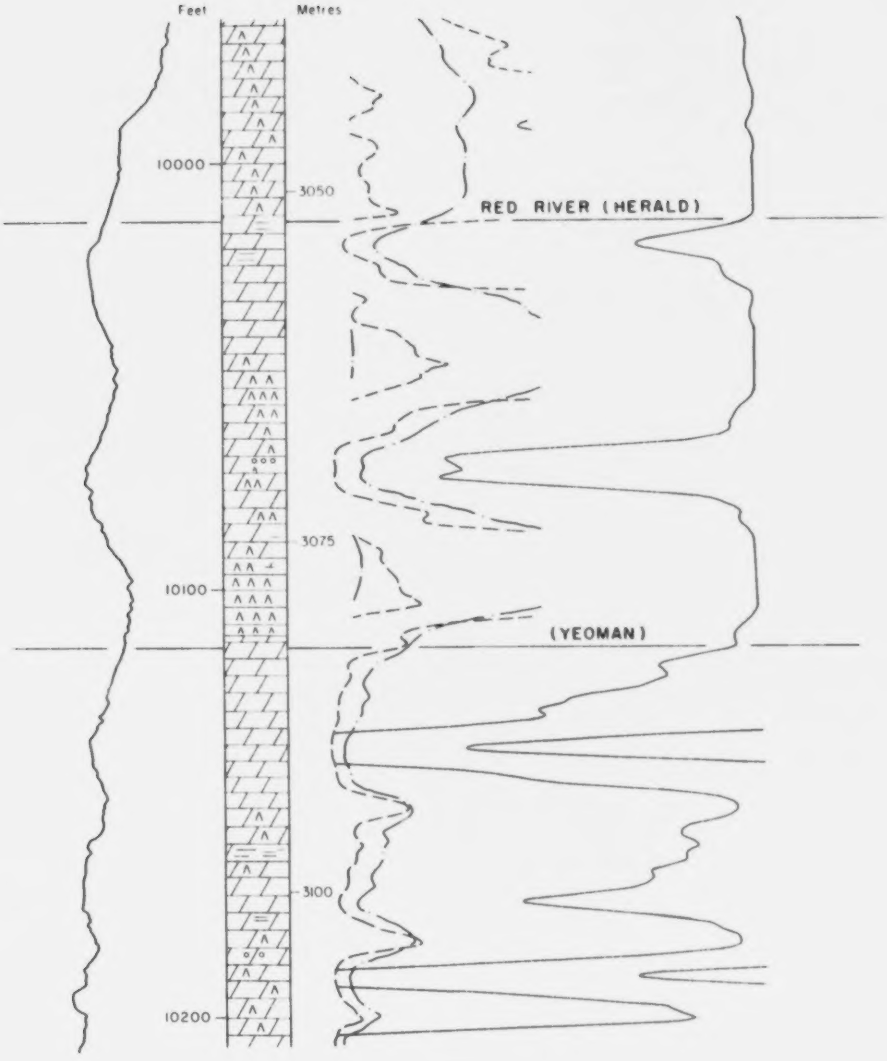
PRODUCING HORIZON : RATCLIFFE BEDS



C.D.R. S LAKE ALMA 1-14-1-17

1-14-1-17-W2

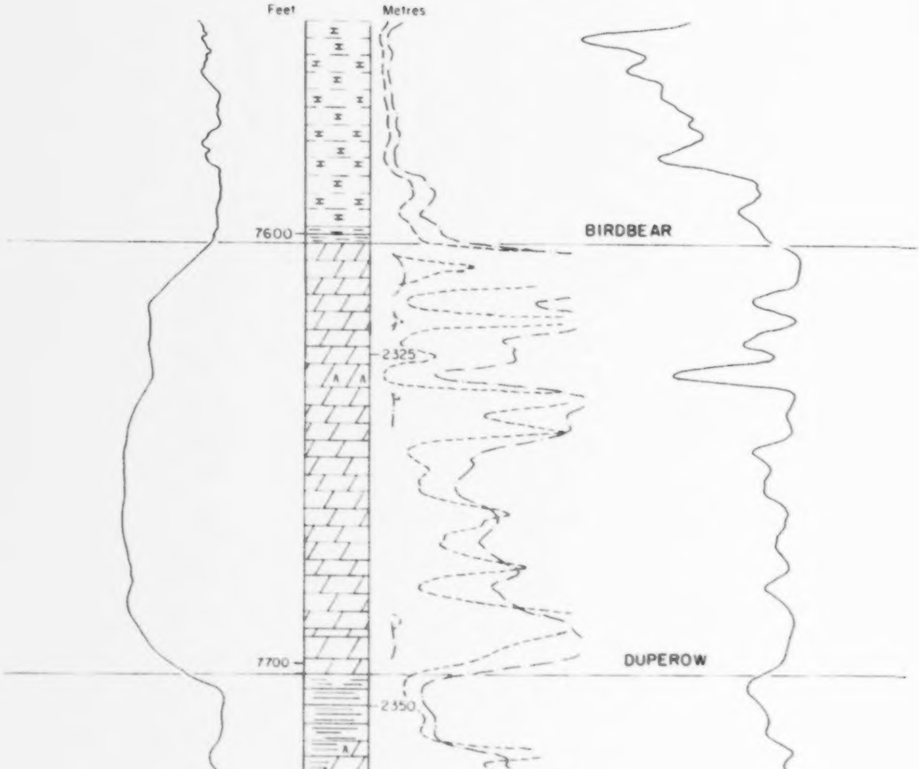
PRODUCING HORIZON : RED RIVER FORMATION



NORTHROCK HUMMINGBIRD 11-26-2-19

11-26-2-19-W2

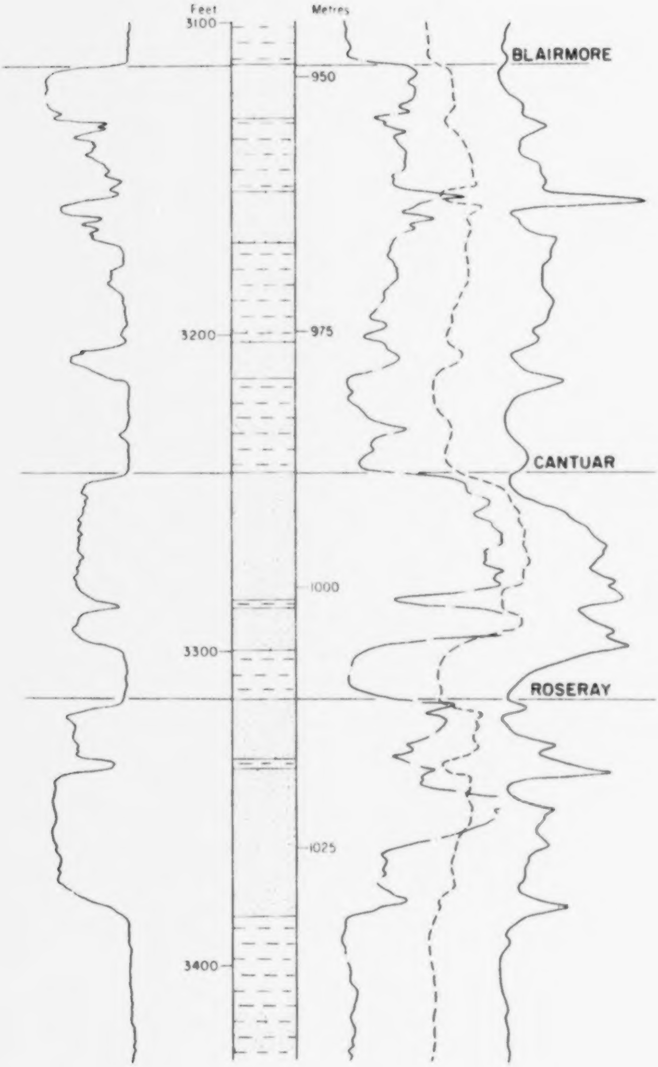
PRODUCING HORIZON : BIRDBEAR FORMATION


Feet
Metres
7600
BIRDBEAR
2325
7700
DUPEROW
2350

SASKOIL M.U.S. CANTUAR 5-2-16-17

5-2-16-17-W3

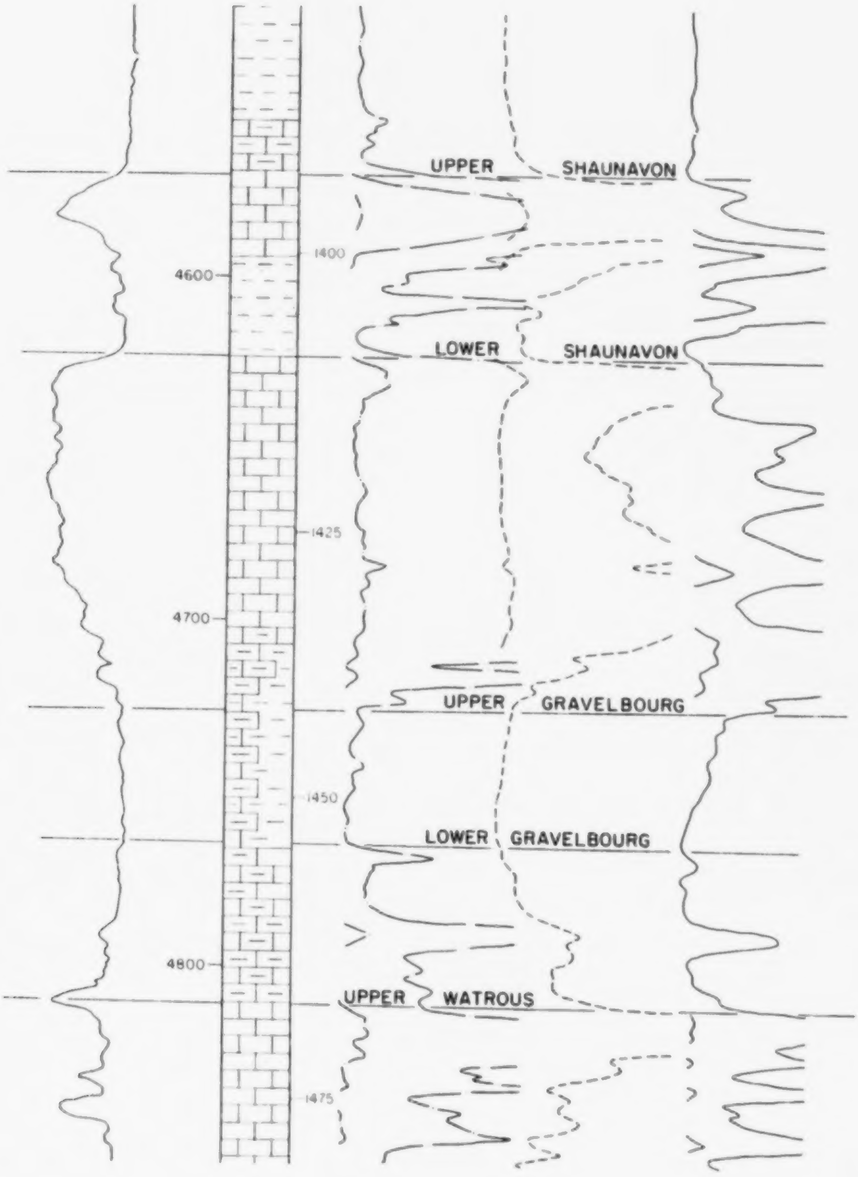
PRODUCING HORIZONS : CANTUAR AND ROSERAY SANDS



TIDEWATER INSTOW CROWN 11-33

11-33-9-18-W3

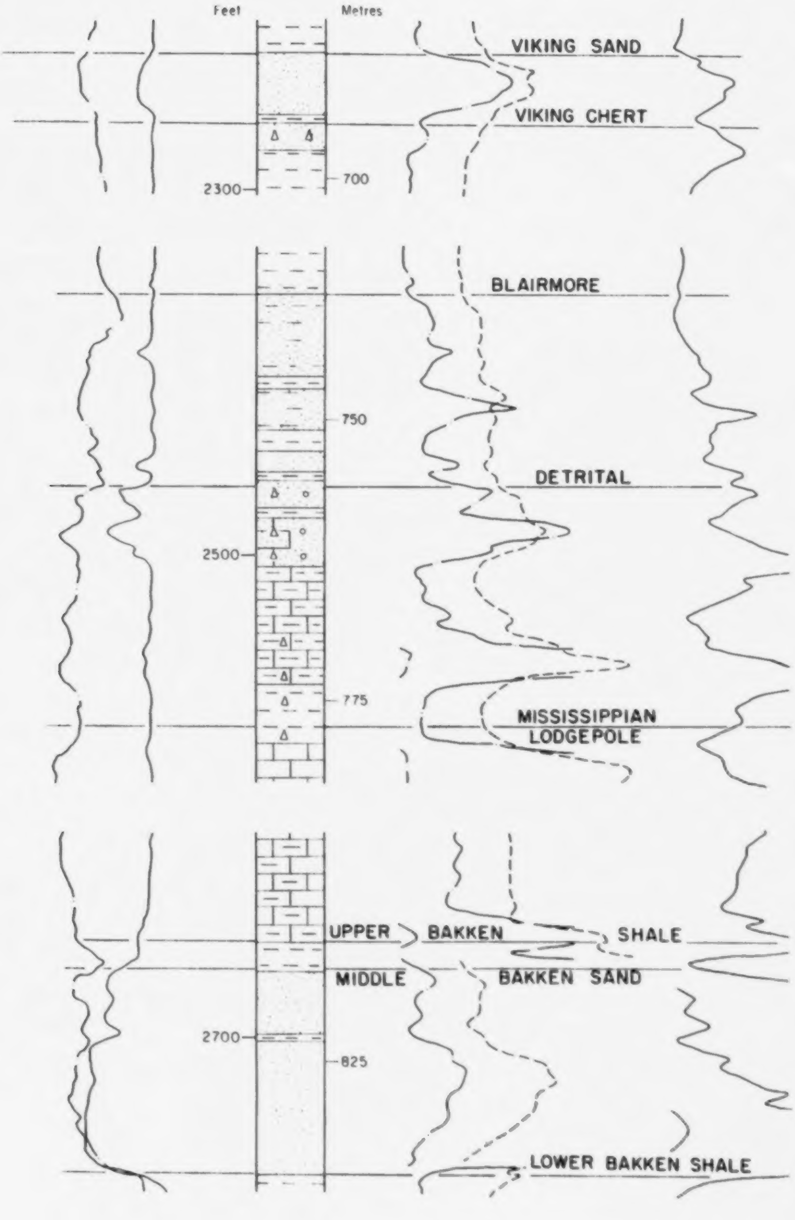
PRODUCING HORIZONS : UPPER AND LOWER SHAUNAVON FORMATIONS


UPPER SHAUNAVON
1400
4600
LOWER SHAUNAVON
1425
4700
UPPER GRAVELBOURG
1450
LOWER GRAVELBOURG
4800
UPPER WATROUS
1475

COLEVILLE UNIT 5-30-31-23

5-30-31-23-W3

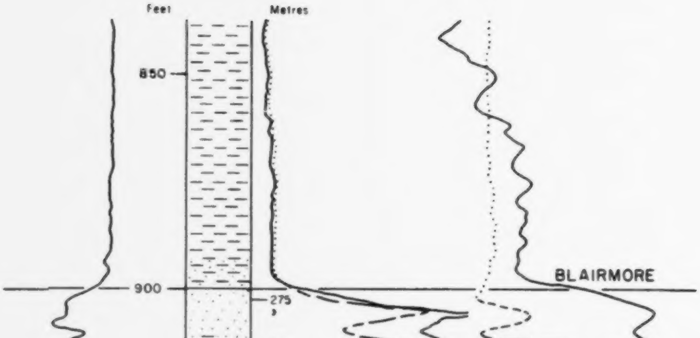
PRODUCING HORIZONS : VIKING AND MIDDLE BAKKEN SANDS


Feet
Metres
VIKING SAND
VIKING CHERT
2300
700
BLAIRMORE
750
DETRITAL
2500
775
MISSISSIPPIAN
LODGEPOLE
UPPER
BAKKEN
SHALE
MIDDLE
BAKKEN SAND
2700
825
LOWER BAKKEN SHALE

TRANSGAS BEACON HILL 10-17-61-24

10-17-61-24-W3

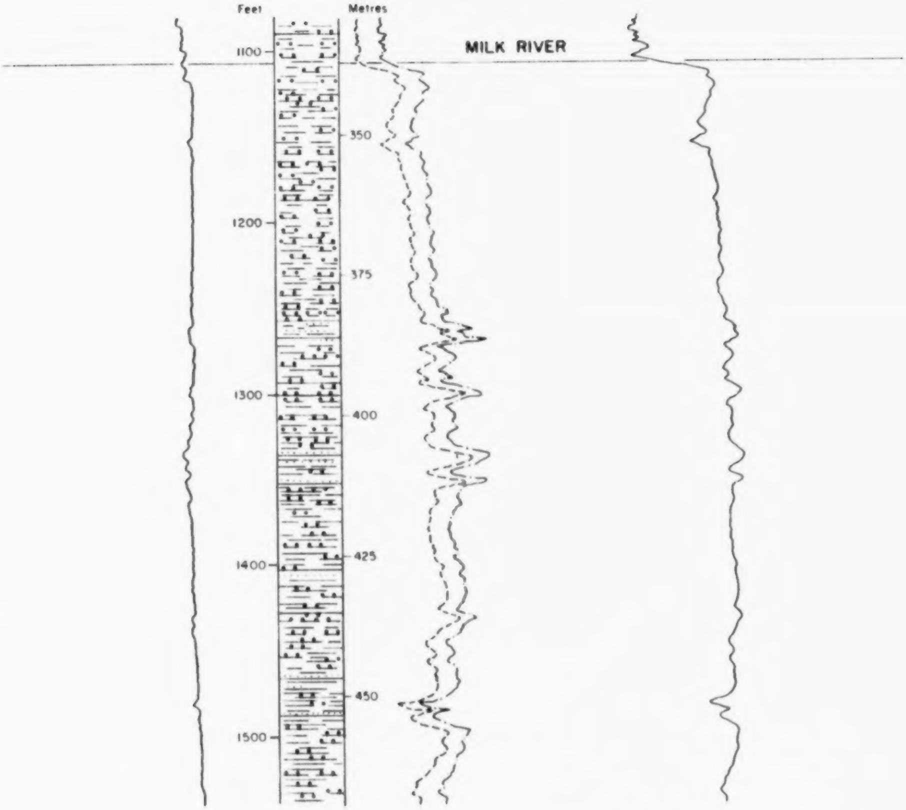
PRODUCING HORIZON : BLAIRMORE



ENRON ET AL INGEBRIGT 11-21-17-25

11-21-17-25-W3

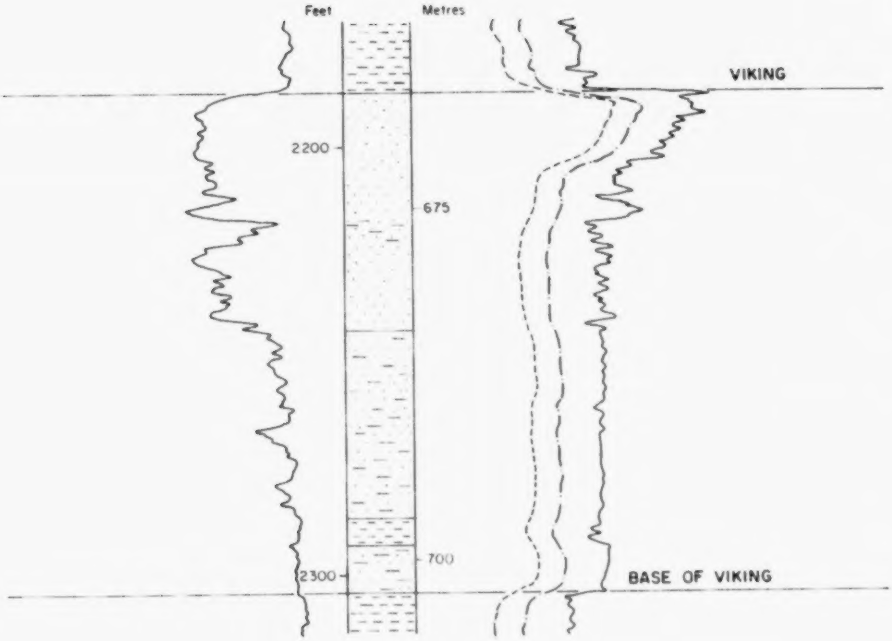
PRODUCING HORIZON : MILK RIVER SAND



IMP BAYHURST 11-19V-24-25

11-19-24-25-W3

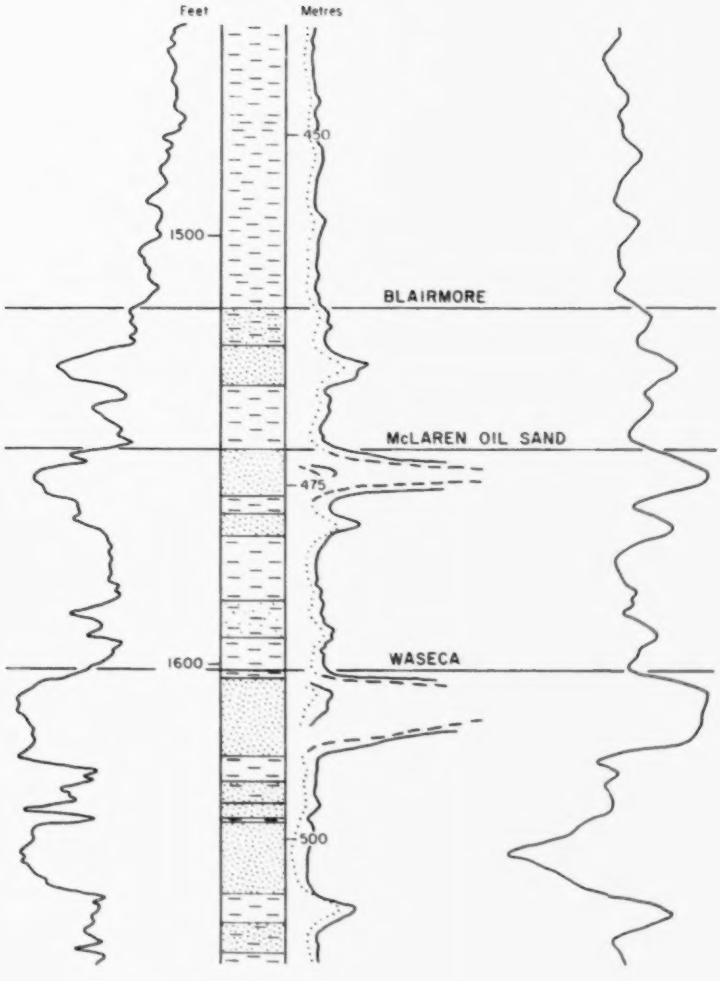
PRODUCING HORIZON : VIKING SAND


Feet
Metres
VIKING
2200
675
700
2300
BASE OF VIKING

HUSKY BIG GULLY C6-27-49-25

C6-27-49-25-W3

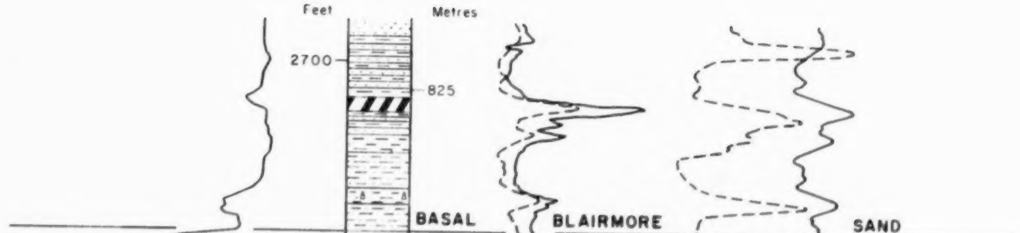
PRODUCING HORIZONS : McLAREN AND WASECA SANDS



FRASER NORTH HOOSIER VU 6-14-32-27

6-14-32-27-W3

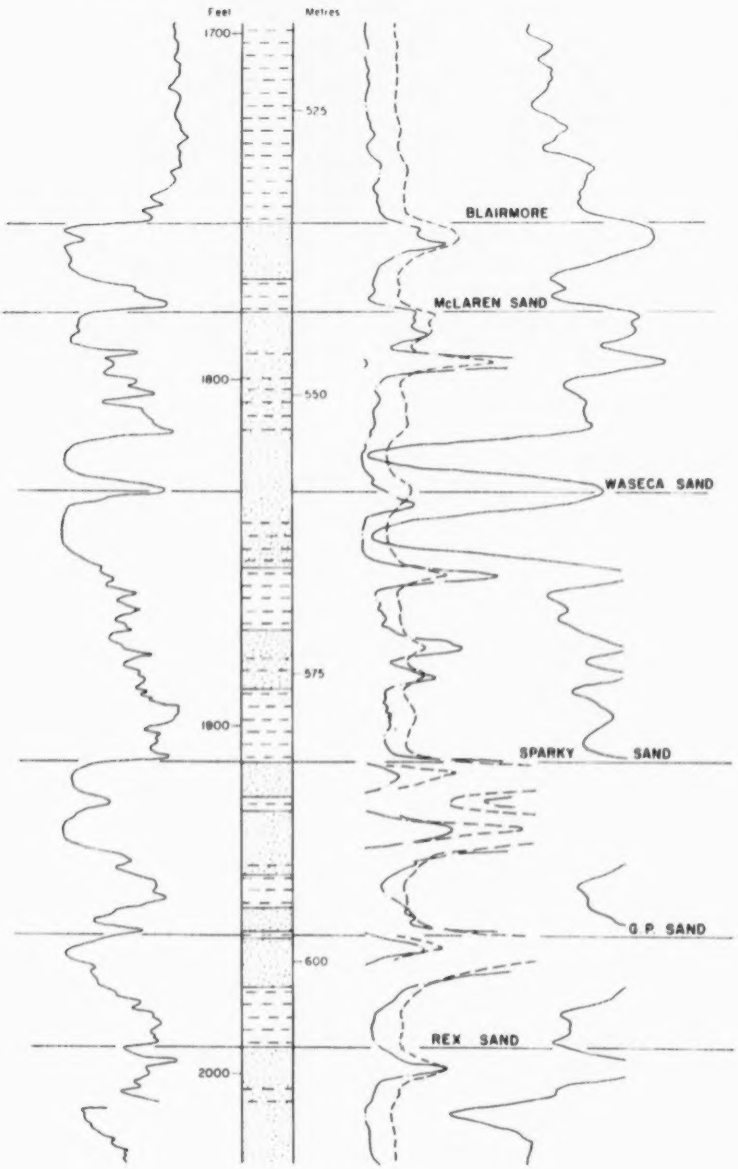
PRODUCING HORIZON : BASAL BLAIRMORE


Feet
Metres
2700
825
BASAL
BLAIRMORE
SAND
850
2800
UPPER BAKKEN
SHALE
MIDDLE
BAKKEN
SAND
LOWER
BAKKEN
SHALE
BIG VALLEY
875

PVR EPPING A14-30-47-27

14-30-47-27-W3

PRODUCING HORIZONS : SPARKY & G.P. SANDS

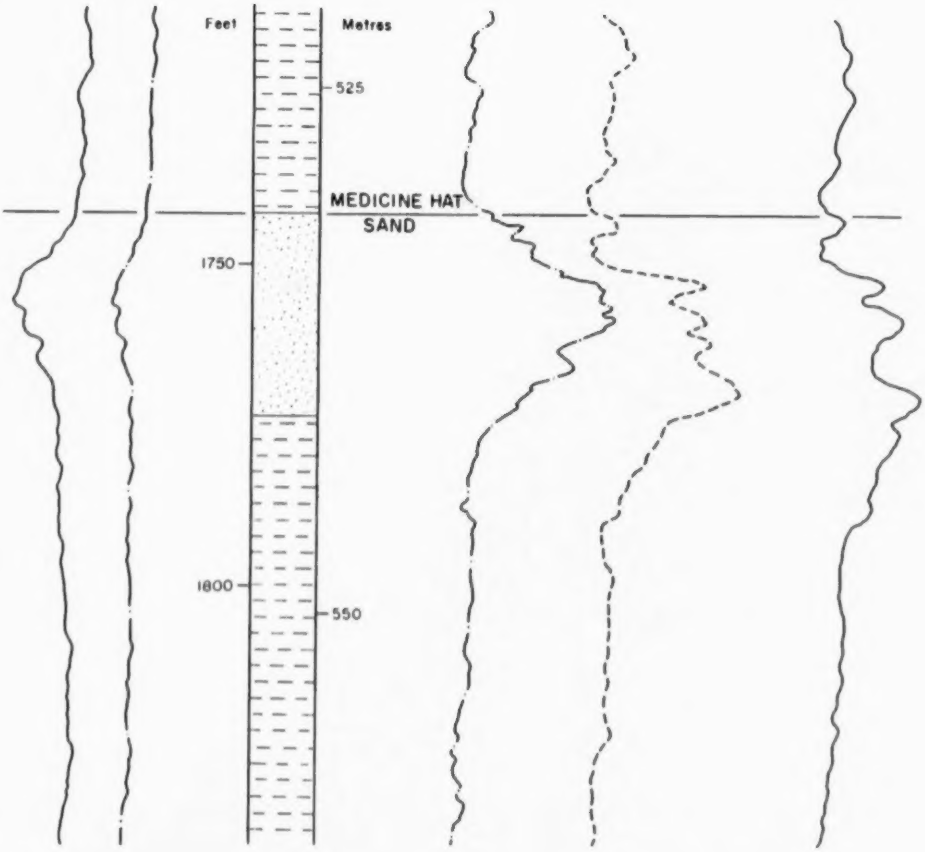


PRODUCING HORIZONS : SPARKY & G.P. SANDS

N C O HORSHAM 10-7-16-29

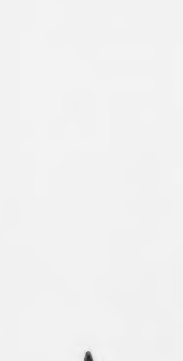
10-7-16-29-W3

PRODUCING HORIZON : MEDICINE HAT SAND



Feet
Metres
525
MEDICINE HAT
SAND
1750
1800
550

POOL PRESSURE DATA



INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH ℃	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Aberfeldy G.P. Sand	+67.2				
Aberfeldy Sparky Sand	+80.8				
Alameda Midale Beds:					
(Central Group)	792.5	7.24	57	15.39	10.64 MPa @ 57℃
(East Group)	746.8	7.24	57	15.27	10.80 MPa @ 57℃
Alameda West Frobisher Beds	786.6				
Alameda West Midale Beds	765.5				
Alida East Frobisher-Alida Beds	536.4	7.67	44	10.47	10.47 MPa @ 43℃
Alida North Alida Beds	564.8				
Alida West Frobisher-Alida Beds	545.6	7.67	45	10.54	10.54 MPa @ 45℃
Alsask Basal Mannville Sand	91.4	9.27	33		
Antelope Lake East Roseray Sand	235.6				
Antelope Lake Upper Shaunavon	300.2	8.82	49	10.00	
Arcola Frobisher-Alida Beds	570.0	8.37	53	11.00	8.77 MPa @ 53℃
Arcola North Alida Beds	538.0				
Auburnton Frobisher-Alida Beds	607.7				
Avon Hill Viking	13.7	8.37	23	6.72	
Baldwinton Sparky Sand	+43.7				
Battle Creek Madison	437.7				
Battle Creek South Upper Shaunavon	385.9				
Battle Creek Upper Shaunavon	375.7				
Battrum East Roseray Sand	193.4				
Battrum North Roseray Sand	172.4				
Battrum Roseray Sand	179.8	8.82	46	8.56	1.39 MPa @ 43℃
Bellegarde Tilston Beds	455.6				
Bench Upper Shaunavon	438.9	8.82		12.45	
Bender South Tilston Beds	467.9				
Bennett Lake Alida Beds	503.0		52		
Benson East Midale Beds	721.2				
Benson Frobisher Beds	741.8				
Benson Midale Beds	754.4	7.92	68	14.38	
Beverley Cantuar Sand	243.8	9.05	48	9.11	9.11 MPa @ 48℃
Beverley East Cantuar Sand	232.3				
Beverley North Cantuar Sand	232.9				
Beverley Roseray Sand	246.9	8.78			
Bienfait Midale Beds	1005.7				
Big Gully McLaren Sand	+141.7				
Big Gully North Lloydminster Sand	+60.4				
Big Gully Waseca Sand	+125.0				
Bone Creek Upper Shaunavon	464.8	8.60	48	12.27	4.78 MPa @ 49℃
Bromhead Midale Beds	1098.0	8.60		17.65	
Browning Frobisher-Alida Beds	682.8	7.24	59	12.55	
Bryant Frobisher Beds	836.2				
Bryant Midale Beds	807.4				
Buffalo Coulee Bakken Sand	108.2	9.66	26		2.21 MPa @ 26℃
Buffalo Coulee North Bakken Sand	93.0				
Butte Upper Shaunavon	417.6	8.82	49	12.37	1.23 MPa @ 49℃
Butte West Upper Shaunavon	387.2				
Buzzard Lloydminster Sand	+38.4				
Cactus Lake Basal Mannville Bakken Sand	97.1				
Cactus Lake North McLaren Sand	42.0		29		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Cantal Frobisher-Alida Beds	579.1	6.79	47	10.87	10.85 MPa @ 47°C
Cantal South Frobisher-Alida Beds	579.1				
Cantuar East Cantuar Sand	228.6	8.60	51		
Cantuar East Roseray Sand	228.6	8.60	51		
Cantuar Roseray Sand	228.6	8.78	51	9.10	9.10 MPa @ 52°C
Cantuar Main Cantuar Sand	227.1	8.78	51	8.95	8.95 MPa @ 52°C
Cantuar North Roseray Sand	238.8				
Carnduff Frobisher Beds	752.9	7.24	59	12.98	
Carnduff Midale Beds	723.9	7.24	58	15.17	
Celtic G.P. Sand	+108.5				
Celtic Sparky Sand	+118.9				
Celtic Waseca Sand	+140.2				
Chambery Upper Shaunavon	488.7				
Clarilaw Frobisher-Alida Beds	623.3	7.24	58	11.78	
Clarilaw West Frobisher-Alida Beds	619.7				
Clintonville Shaunavon	456.8				
Coleville Bakken Sand	109.7	9.50			
Coleville Mannville Sand	54.9				
Coleville South Bakken Sand	127.4				
Coleville South Mannville Sand	68.1				
Colgate Midale Beds	902.4				
Coothill Red Jacket Sand	136.0	9.10	27	5.42	
Cosine Lake Lloydminster Sand	100.6				
Court Bakken Sand	129.8				
Covington Upper Shaunavon	416.1	8.82	52	11.94	3.52 MPa @ 51°C
Covington West Upper Shaunavon	417.6	8.82			
Crystal Hill Souris Valley Beds	434.3	8.37		9.19	
Dalesboro Frobisher-Alida Beds	670.6	8.37	56	12.00	
Dalesboro North Frobisher-Alida Beds	654.0	8.37	47	11.96	
Dee Valley East Sparky Sand	+79.2				
Dee Valley East Waseca Sand	+102.1				
Dee Valley Waseca Sand	103.6				
Delta Upper Shaunavon	306.3	8.82	46	10.57	7.46 MPa @ 47°C
Dodsland Viking Sand	+4.6	7.99	23	6.41	6.41 MPa @ 23°C
Dollard Lower Shaunavon	459.6				
Dollard Upper Shaunavon	434.3	8.60	59	11.80	6.32 MPa @ 60°C
Druid Mannville Sands	59.0				
Dulwich North Sparky Sand	+86.9				
Dulwich Sparky Sand	+79.2				
Ear Lake Waseca Sand	+12.3				
Eastbrook Shaunavon	461.8	9.05	54	15.70	
Eastend Shaunavon	470.3				
Edam North Waseca Sand	+121.3				
Edam Waseca Sand	+119.2				
Edam West Sparky/G.P. Sand	+92.7				
Edam West Waseca Sand	+115.6				
Edenvale Tilston Beds	533.4	7.69	43		
Elmore Frobisher Beds	701.0	7.92	52	12.05	6.83 MPa @ 51°C
Elmore Midale Beds	685.8	7.69	52	14.33	
Elswick East Midale Beds	953.0	7.92	59	14.27	
Elswick Midale Beds	949.0	7.92	59		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH ℃	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Epping G.P. Sand	+57.9				
Epping South Sparky Sand	+59.7				
Epping Sparky Sand	+67.1				
Eureka Viking	18.3	7.99	23	6.12	4.43 MPa @ 26℃
Evesham North McLaren Sand	+2.0				
Evesham North Sparky Sand	32.4				
Evesham Sparky Sand	33.2				
Eyehill Cummings-Dina Sand	89.9				
Eyehill North Cummings Sand	86.4				
Eyehill North Sparky Sand	30.2				
Fertile Tilston Beds	437.0				
Fertile Tilston-Souris Valley Beds	434.4				
Flat Lake Ratcliffe Beds	1271.0	8.37	73	20.15	9.80 MPa @ 81℃
Florence Frobisher Beds	789.4	8.37	57	13.28	
Forest Bank Mannville Sands	+115.8				
Forest Bank Sparky Sand	+99.1				
Forest Bank Waseca Sand	+120.4				
Forgan Viking Sand	9.2				
Fosterton Roseray Sand:					
Middle (II) Roseray Sand	221.0	8.82	52	9.10	
Lower (I) Roseray Sand	221.0	8.82	52	9.10	
Northwest Group	218.5	8.82	52		
Fosterton South Cantuar Sand	225.3				
Fosterton South Roseray Sand	229.6				
Freda Lake Ratcliffe Beds	960.1	8.37		18.56	
Freemont Sparky Sand	+43.8				
Freemont Waseca Sand	+62.5				
Freestone Frobisher-Alida Beds	570.0	7.92	54	11.29	
Frys East Tilston-Souris Valley Beds	395.4				
Frys Tilston-Souris Valley Beds	402.3	8.37			
Furness Sparky Sand	+73.2				
Fusilier Bakken Sand	121.9	9.27			
Gainsborough Frobisher-Alida Beds	579.1	7.24	44		
Gainsborough North Frobisher-Alida Beds	572.2				
Gainsborough West Frobisher-Alida Beds	614.5		47	11.28	
Glen Ewen Frobisher Beds	751.3	7.24	56		
Glen Ewen Midale Beds	728.5	7.24	56	15.17	
Golden Lake North Sparky Sand	+96.0				
Golden Lake North Waseca Sand	+121.9				
Golden Lake South Sparky Sand	+96.0				
Golden Lake South Waseca Sand	+115.8				
Griffin Frobisher Beds	690.4	8.60	62		
Griffin North Frobisher Beds	662.3				
Gull Lake Basal Cantuar Sand	300.2	8.82	47		8.79 MPa @ 47℃
Gull Lake Central Upper Shaunavon	387.1	8.82	51		
Gull Lake North Upper Shaunavon	365.8	8.82	48	11.11	1.10 MPa @ 46℃
Gull Lake South Upper Shaunavon	402.3	8.82	52	11.71	
Gully Lake Waseca Sand	+103.6				
Handsworth Alida Beds	536.4	8.60	51	10.99	
Hartaven Frobisher-Alida Beds	577.6	8.60	56	11.58	
Hastings East Frobisher Beds	598.7				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Hastings Frobisher Beds	643.1	6.79	49	11.65	11.65 MPa @ 50°C
Hastings West Frobisher Beds	668.5				
Hazelwood Central Tilston Beds	440.0				
Hazelwood South Tilston Beds	437.0				
Hazelwood Tilston Beds	425.2	8.37	43	9.53	
Hazelwood West Tilston Beds	428.7				
Hazlet Roseray Sand	205.7	9.05	47	9.13	5.60 MPa @ 47°C
Hearts Hill Bakken Sand	64.9				
Hillmond G.P. Sand	+102.0				
Hillmond Sparky Sand	+108.8				
Hoffer Ratcliffe Beds (Lower)	1248.2	8.60		19.47	
Hoffer Ratcliffe Beds (Upper)	1231.4	8.60		19.33	
Hoosier Bakken Sand	150.9	9.50			
Hume Frobisher Beds	739.1	8.60	64	13.21	
Hume Midale Beds	723.9	8.60		14.23	
Hummingbird Bakken Sand	1488.0				
Hummingbird Birdbear	1585.0	8.14	82	23.16	8.09 MPa @ 82°C
Hummingbird Ratcliffe Beds	1155.2	8.60	71	18.70	6.03 MPa @ 71°C
Huntoon Frobisher Beds	754.4	8.60	61		
Huntoon Midale Beds	737.6	8.60	55		
Illerbrun Upper Shaunavon	414.5	8.82	49	11.86	3.15 MPa @ 49°C
Ingoldsby East Alida Beds	541.0	8.94	46	9.42	
Ingoldsby Frobisher-Alida Beds	548.6	7.89	46	10.51	4.81 MPa @ 45°C
Ingoldsby West Frobisher-Alida Beds	659.6				
Innes Frobisher Beds	719.3	8.60	63	12.98	7.78 MPa @ 61°C
Instow Upper Shaunavon	464.8	8.60	48	12.27	4.78 MPa @ 49°C
Java Cantuar Sand	242.3				
Johnston Upper Shaunavon	371.9	8.82	48	9.24	
Kennedy Souris Valley Beds	419.8				
Kenosee Tilston Beds	426.7	7.92	46	9.38	
Kerrobert Viking Sand	3.0				
Kisbey Birdbear	1018.3				
Kisbey Frobisher-Alida Beds	587.8				
Lake Alma Ratcliffe Beds	1268.0	8.37	67	20.27	
Landrose McLaren Sand	+144.8				
Landrose Waseca Sand	+129.5				
Lashburn South Sparky Sand	+93.7				
Lashburn South Waseca Sand	+117.3				
Lashburn Waseca Sand	+126.5				
Lashburn West Sparky Sand	+81.4				
Leitchville Shaunavon	452.6	8.60	50	12.51	4.78 MPa @ 49°C
Leon Lake Shaunavon	457.2	8.60	52	10.69	5.52 MPa @ 41°C
Lightning Tilston Beds	449.6	7.92	46	9.39	
Lloydminster Sparky Sand	+83.8				
Lone Rock Sparky Sand	+71.6				
Long Lake Waseca Sand	+29.0		26		
Lost Horse Hill Frobisher-Alida Beds	559.3	8.14	57	11.40	3.36 MPa @ 55°C
Lougheed Midale Beds	807.7	8.14	61		
Loverna Success	126.5	8.60			
Low Lake Waseca Sand	+111.3				
Lucky Hills Viking	7.6	8.37			

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Luseland Bakken Sand	44.9				
Macklin Sparky Sand	39.6				
Macoun Midale Beds	946.4	8.82	63		9.32 MPa @ 63°C
Macoun West Midale Beds	978.3				
Macoun Winnipegosis	1838.8				
Maidstone McLaren Sand	+126.1				
Maidstone Waseca Sand	+113.4				
Main Success Roseray Sand	225.6	8.60	50	9.06	8.67 MPa @ 59°C
Manito Lake East McLaren Sand	+63.4				
Manito Lake Sparky Sand	+27.7				
Manor Lower Watrous-Alida Beds	572.0	7.69	44	10.50	
Marsden North Sparky Sand	+37.0		20		
Marsden South Sparky Sand	+31.7				
Marsden Sparky Sand	+36.1				
Melrose Frobisher-Alida Beds	551.7	8.14	54		
Midale Central Frobisher Beds	786.4	7.69	63	14.31	5.24 MPa @ 57°C
Midale Central Midale Beds	800.1	7.92	63	14.31	6.09 MPa @ 63°C
Minard Midale Beds	738.5				
Moose Mountain Tilston Beds	435.9	8.48	46	9.45	3.14 MPa @ 41°C
Moose Valley South Tilston Beds	461.4				
Moose Valley Tilston Beds	428.2	8.60			
Moosomin Red Jacket Sand	40.0	9.94	22	4.71	
Morrisview Frobisher-Alida Beds	661.4	8.37	48	12.37	
Neilburg McLaren Sand	+103.9				
Neptune North Midale Beds	889.8				
Neptune Ratcliffe Beds	1034.8	8.37			
North Antler Midale Beds	658.4	8.14	56	13.98	
Northgate Frobisher Beds	1033.3	8.14	63		
Northgate Midale Beds	1021.1	7.24	71	18.03	14.48 MPa @ 70°C
North Handsworth Alida Beds	538.0	8.60	55	11.08	
North Hoosier Bakken Sand	135.3	9.50	31	7.74	7.79 MPa @ 31°C
North Hoosier Basal Mannville Sand	120.4	9.34	29	5.85	
Northminster North G.P. Sand	+83.2				
Northminster North Sparky Sand	+94.1				
Northminster Sparky Sand	+91.4				
North Portal Midale Beds	1053.2				
North Premier Roseray Sand	228.6	8.60	47	9.25	3.12 MPa @ 47°C
North Premier Upper Shaunavon	310.9	8.82	57	10.31	0.89 MPa @ 49°C
North Smiley Bakken Sand	97.0				
Nottingham Alida Beds	548.6	7.15	43	10.60	10.66 MPa @ 44°C
Notukeu Upper Shaunavon	461.2				
Oakley Frobisher Beds	582.2	6.72	46	10.95	10.95 MPa @ 47°C
Onward Basal Mannville Sand	103.0		29		
Openshaw Frobisher Beds	897.1				
Oungre Ratcliffe Beds	1188.7	8.14	70	18.96	8.07 MPa @ 74°C
Parkman Souris Valley Beds	416.1	8.37	49	9.09	
Parkman South Tilston-Souris Valley Beds	455.7	8.23	38	9.45	
Parkman Tilston Beds	442.0	7.92	43	9.51	2.79 MPa @ 43°C
Parkman Tilston-Souris Valley Beds	402.3	7.92	38	9.10	2.41 MPa @ 38°C
Pennant Upper Shaunavon	265.2	9.05			
Pikes Peak G.P. Sand	+81.0				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH ℃	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Pikes Peak Sparky Sand	+91.4				
Pikes Peak Waseca Sand	+123.4				
Pinto Frobisher Beds	1036.3	7.01	66	16.55	
Pinto Midale Beds	1024.1	7.01	70	17.24	13.85 MPa @ 70℃
Plato North Viking Sand	20.8				
Plato Viking Sand	9.1	8.37	24	6.89	3.28 MPa @ 21℃
Plenty Viking Sand	+2.7				
Plover Lake Bakken Sand	86.6				
Plover Lake McLaren Sand	32.6				
Prairiedale Viking Sand	22.1				
Queensdale East Frobisher-Alida Beds	573.0	5.78	47	10.84	7.72 MPa @ 46℃
Queensdale North Alida Beds	588.3	7.58	49	10.85	
Queensdale West Alida Beds	600.5	7.58	48	11.25	11.24 MPa @ 48℃
Ralph Midale Beds	723.9	7.92			
Ralph West Midale Beds	730.7				
Rapdan Upper Shaunavon	449.6	8.60	49	13.72	5.61 MPa @ 56℃
Rapdan West Shaunavon	471.0				
Red Jacket Gravelbourg	153.7				
Red Jacket	82.7				
Rocanville Bakken Sand	160.0	8.37	27	6.23	
Roncott Bakken Sand	1121.7	8.08	59		2.05 MPa @ 52℃
Rosebank Alida Beds	536.4	7.19	44	10.49	
Rosebank South Alida Beds	533.4	7.46	43		
Rush Lake Sparky Sand	+88.3				
Rush Lake Waseca Sand	+113.9				
Salt Lake Lloydminster Sand	56.2				
Senlac Cummings-Dina Sand	76.0		29		
Senlac Lloydminster Sand	78.2				
Senlac Waseca Sand	+3.0		26		
Sherwood Frobisher Beds	701.0	7.92	56	12.27	8.76 MPa @ 56℃
Silverdale Sparky Sand	+68.6				
Silverton Frobisher Beds	618.7	8.37	49		
Skinner Lake Ratcliffe Beds	1008.9	8.37			
Smiley Dewar Viking	15.2	7.99	23	6.47	6.36 MPa @ 22℃
Smiley Dewar Viking Chert	18.3	7.99	23	6.49	
Souris Flat Frobisher Beds	789.4	8.28	59	13.34	11.82MPa @ 59℃
Souris Flat South Frobisher Beds	850.4				
South Fletwode Tilston Beds	429.8	7.92	44	9.45	
South Success Roseray Sand	231.0	8.60	51	8.96	8.96 MPa @ 53℃
Standard Hill Waseca Sand	+109.7				
Star Valley Frobisher-Alida Beds	536.4	7.46	52	10.82	8.61 MPa @ 52℃
Star Valley South Frobisher-Alida Beds	562.0				
Steelman Frobisher Beds	853.4	7.01	67	14.36	
Steelman Midale Beds	853.4	7.01	67	14.34	14.34 MPa @ 63℃
Storthoaks Alida Beds	493.8	7.92	38	9.80	8.09 MPa @ 42℃
Stoughton Frobisher-Alida Beds	644.7	7.46	61	12.07	8.09 MPa @ 62℃
Stoughton South Frobisher Beds	647.7	7.46		14.13	
Success North Roseray Sand	236.9				
Success Roseray Sand Alpha	219.5	8.60	51	8.76	7.86 MPa @ 51℃
Suffield Roseray Sand	259.1	8.60	52	12.98	7.41 MPa @ 44℃
Suffield Upper Shaunavon	318.5	8.82	50	10.82	

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Tableland Winnipegosis	2029.9				
Tangleflags East McLaren Sand	+139.6				
Tangleflags G.P. Sand	+100.6				
Tangleflags Lloydminster Sand	+61.0				
Tangleflags McLaren Sand	+141.4				
Tangleflags North G.P. Sand	+99.1				
Tangleflags North Lloyd/Cummings Sand	+57.7				
Tangleflags Sparky Sand	+109.7				
Tangleflags West G.P. Sand	+102.9				
Tangleflags West Lloydminster Sand	+62.4				
Tangleflags West McLaren Sand	+146.8				
Tangleflags West Sparky Sand	+113.5				
Tatagwa Central Midale Beds	852.0	8.60	57	15.45	
Tatagwa Midale Beds	857.4				
Tatagwa North Midale Beds	817.4				
Tatagwa West Midale Beds	862.1				
Union Jack Midale Beds	722.1				
Verendrye Viking Sand	22.0				
Verlo Roseray Sand	213.4	8.82	52	9.14	9.24 MPa @ 39°C
Viewfield Frobisher Beds	670.6	8.69	65	12.22	9.03 MPa @ 65°C
Viewfield Rim	642.0	7.35	64		
View Hill Midale Beds	957.1	8.75	76	15.69	
Wapella Sand	76.2	8.37	32	5.25	0.34 MPa @ 29°C
Warmley Alida Beds	496.2	8.37	54	10.15	
Wauchope Alida-Tilston Beds	524.1				
Wauchope North Tilston Beds	458.3				
Wauchope West Alida Beds	549.1				
Weir Hill Frobisher Beds	762.0	7.24			
Welwyn Bakken Sand	180.6				
Westhazel G.P. Sand	+90.1				
Westhazel Sparky Sand	+103.8				
West Innes Frobisher Beds	722.4	8.60	64	13.07	
West Kingsford Midale Beds	876.3	7.01	67	14.82	9.40 MPa @ 67°C
Weyburn Frobisher Beds	807.7	8.14	61		
Weyburn Midale Beds	807.7	8.14	61	14.60	
White Bear Tilston Beds	445.0	7.92	43	9.74	
White Bear Tilston Souris Valley Beds	457.2	8.37	39	9.47	2.41 MPa @ 39°C
Whitemud Shaunavon	469.4	9.05	54	13.79	5.52 MPa @ 41°C
Whiteside Viking Sand	36.6	7.92	24	6.38	
Wildwood Alida Beds	582.2	8.37	48	10.77	
Willmar Frobisher Alida Beds	661.4	7.24	54	11.87	11.32 MPa @ 53°C
Winmore Frobisher Beds	641.6	8.60		11.23	
Winter Cummings Sand	36.9				
Wordsworth Frobisher-Alida Beds	650.0				
Workman Frobisher Beds	701.0	7.69	54	12.27	6.55 MPa @ 59°C
Workman Midale Beds	685.8	7.24	54	14.75	7.64 MPa @ 53°C

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	TEMPERATURE AT DATUM DEPTH ℃	COMPRESSIBILITY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Barthel Colony Sand Gas Pool	+352.1	14	0.957	2 106
Battle Creek West Second White Specks Gas Pool	+100.9	38	0.904	6 662
Bayhurst Viking Gas Pool	+9.1	25	0.894	6 700
Bayhurst West Viking Gas Pool	-7.6	28	0.891	6 720
Beacon Hill Mannville Sand Gas Pool	+256.0	21	0.955	2 170
Beacon Hill South Mannville Sand Gas Pool	+261.7	21	0.955	2 170
Beacon Hill West Mannville Sand Gas Pool	+241.7	21	0.952	2 351
Bear Creek Mannville Sand Gas Pool	+262.6	14	0.956	2 110
Beverley East Cantuar Gas Pool	+170.0	46	0.891	9 650
Bigstick Second White Specks Gas Pool	+101.2	26	0.895	6 105
Branch Lake Colony Sand Gas Pool	+230.2	15	0.953	2 307
Brock East Viking Gas Pool	-7.6	29	0.865	7 060
Brock Viking Sand Gas Pool	-3.0	28	0.896	6 690
Bronson Lake Colony Sand Gas Pool	+197.7	16	0.952	2 706
Bronson Lake South Colony Sand Gas Pool	+197.1	16	0.952	2 778
Bronson Lake Waseca Sand Gas Pool	+183.6	17	0.941	2 846
Burstall Medicine Hat Sand Gas Pool	+231.5	17	0.915	4 309
Burstall Milk River Gas Pool	+278.8	16	0.900	3 447
Burstall North Viking Sand Gas	-11.0	27	0.873	7 782
Cadillac Second White Specks Gas Pool	-19.4	29	0.906	6 585
Carruthers Colony Sand Gas Pool	+118.8	15	0.934	3 554
Cavalier Spinney Hill Sand Gas Pool	+162.1	18	0.946	3 140
Cold Lake Colony Sand Gas Pool	+295.2	13	0.959	1 951
Coleville-Smiley Viking Sand Gas Pool	+12.2	24	0.868	6 480
Consul Second White Specks Gas Pool	+115.3	29	0.898	6 681
Consul Upper Shaunavon Gas Pool	-330.0	49	0.811	12 976
Crane Lake Medicine Hat Sand Gas Pool	+211.9	17	0.915	4 309
Crane Lake Milk River Gas Pool	+308.7	15	0.920	3 585
Crane Lake South Medicine Hat Sand Gas Pool	+208.5	17	0.915	4 309
Crane Lake South Milk River Gas Pool	+264.2	15	0.920	3 532
Crane Lake South Second White Specks Gas Pool	+56.1	27	0.862	6 033
Cypress Second White Specks Gas Pool	+97.0	34	0.906	6 555
Dodsland North Viking Gas Pool	+21.3	23	0.877	6 110
Driver Bakken Sand Gas Pool	-100.4	27	0.886	7 079
Driver Mannville Sand Gas Pool	-49.9	27	0.886	6 804
Flat Valley Colony Sand Gas Pool	+234.5	21	0.942	2 310
Flat Valley St. Walburg Sand Gas Pool	+330.5	21	0.947	2 138
Fort Pitt Colony Sand Gas Pool	+191.0	20	0.947	2 790
Fort Pitt North Colony Sand Gas Pool	+198.9	19	0.947	2 850
Fort Pitt North Waseca Sand Gas Pool	+198.9	19	0.944	2 850
Freefight Milk River Gas Pool	+295.8	15	0.932	3 406
Freefight North Milk River Gas Pool	+323.8	15	0.932	3 406
Frenchman Butte Colony Sand Gas Pool	+198.3	20	0.947	2 755
Frenchman Butte St. Walburg Sand Gas Pool	+288.5	18	0.957	2 985
Frenchman Butte Waseca Sand Gas Pool	+168.8	20	0.942	2 867
Glidden Viking Gas Pool	-1.5	22	0.869	6 690
Gold Lake Colony Sand Gas Pool	+310.7	14	0.970	1 631
Greenan Viking Gas Pool	-15.2	28	0.893	6 580
Gull Lake Cantuar Gas Pool	-259.1	43	0.857	9 480
Hallam Colony Sand Gas Pool	+11.4	23	0.910	4 967
Hallam Waseca Sand Gas Pool	+4.4	23	0.910	4 967

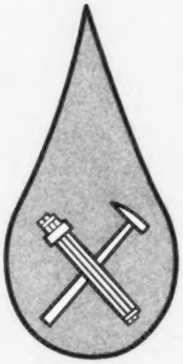
INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILITY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Hatton Medicine Hat Sand Gas Pool	+274.3	17	0.915	4 310
Hatton Milk River Gas Pool	+321.6	16	0.900	3 450
Hillmond Colony Sand Gas Pool	+159.4	18	0.942	3 109
Hillmond Lloydminster Sand Gas Pool	+65.2	21	0.918	3 935
Hoosier South Bakken Sand Gas Pool	-150.5	29	0.877	7 754
Hoosier Viking Sand Gas Pool	-18.3	26	0.874	6 560
Horsham Ribstone Creek Sand Gas Pool	+542.8	15	0.880	1 450
Ingebrigt Milk River Gas Pool	+289.0	16	0.900	3 470
Kindersley Viking Sand Gas Pool	-10.6	23	0.869	6 587
Lashburn McLaren Sand Gas Pool	+146.8	21	0.938	3 229
Liebenthal Milk River Gas Pool	+297.2	16	0.900	3 630
Lloydminster Colony Sand Gas Pool	+134.1	23	0.937	3 260
Lloydminster North Colony Sand Gas Pool	+134.0	21	0.925	3 137
Lloydminster South Colony Sand Gas Pool	+128.9	21	0.931	3 406
Loon Lake Colony Sand Gas Pool	+283.7	12	0.960	2 331
Loverna North Bakken Sand Gas Pool	-108.4	29	0.858	7 704
Loverna North Mannville Sand Gas Pool	-41.8	33	0.875	7 694
Loverna South Bakken Sand Gas Pool	-136.8	30	0.867	8 074
Loverna South Viking Sand Gas Pool	-4.0	24	0.901	5 144
Loverna West Bakken Sand Gas Pool	-135.3	32	0.862	8 073
Luseland Viking Sand Gas Pool	+142.6	23	0.890	5 792
Makwa Mannville Sand Gas Pool	+249.4	15	0.952	2 325
Marengo Viking Gas Pool	-10.7	21	0.872	6 740
Merryflat Second White Specks Gas Pool	+151.2	29	0.899	6 241
Milton Viking Sand Gas Pool	-18.3	23	0.870	6 550
Monchy Second White Specks Gas Pool	+277.6	21	0.909	5 000
Mudie Lake Colony Sand Gas Pool	+211.5	17	0.952	2 608
Paradise Hill Colony Sand Gas Pool	+174.5	16	0.942	3 047
Paradise Hill Waseca Sand Gas Pool	+146.3	17	0.942	3 216
Peck Lake Colony Sand Gas Pool	+200.1	24	0.944	2 951
Peck Lake North Second White Specks Gas Pool	+342.4	13	0.942	3 239
Peck Lake South Second White Specks Gas Pool	+335.1	16	0.934	3 385
Pierceland Mannville Sand Gas Pool	+256.0	21	0.958	2 100
Pierceland West Mannville Sand Gas Pool	+230.5	15	0.950	2 300
Prairiedale East Viking Gas Pool	+14.6	26	0.875	6 250
Primate Mannville Sand Gas Pool	-12.4	26	0.914	5 258
Primrose Lake Mannville Sand Gas Pool	+335.6	17	0.969	1 697
Primrose Lake East Mannville Sand Gas Pool	+345.1	17	0.972	1 258
Rex Lloydminster Sand Gas Pool	+65.3	21	0.925	3 950
Salvador Mannville Sand Gas Pool	-26.3	26	0.907	5 317
Senate Second White Specks Gas Pool	+121.9	29	0.899	6 281
Senlac McLaren Sand Gas Pool	+14.9	23	0.915	4 725
Senlac Sparky Sand Gas Pool	-15.7	27	0.915	5 000
Spruce Lake Mannville Sand Gas Pool	+183.2	15	0.940	2 753
Spruce Lake North Colony Sand Gas Pool	+205.2	16	0.955	1 978
Superb Bakken Sand Gas Pool	-79.1	29	0.869	6 978
Tangleflags Colony Sand Gas Pool	+159.1	20	0.947	3 119
Tangleflags McLaren Sand Gas Pool	+149.3	21	0.940	3 247
Tangleflags Second White Specks Gas Pool	+274.0	18	0.943	3 057
Tangleflags St. Walburg Sand Gas Pool	+254.0	18	0.934	3 345
Totnes Viking Gas Pool	3.0	24	0.886	6 830

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	TEMPERATURE AT DATUM DEPTH ℃	COMPRESSIBILITY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Unity South Sparky Sand Gas Pool	-9.8	26	0.920	4 750
Unity South Unity Sand Gas Pool	-38.8	29	0.890	5 288
Unity South Viking Sand Gas Pool	+85.5	24	0.889	5 157
Verendrye North Viking Sand Gas Pool	-20.0	24	0.892	6 348
Vidora Bearpaw Sand Gas Pool	+733.0	12	0.976	1 118
Vidora Belly River Sand Gas Pool	+705.4	13	0.974	1 217
Wheat Valley Cantuar Sand Gas Pool	-220.0	40	0.883	8 003
Whelan Mannville Sand Gas Pool	+221.6	16	0.950	2 544
Whelan St. Walburg Sand Gas Pool	+307.6	15	0.949	2 635
Whiteside Ribstone Creek Sand Gas Pool	+481.6	20	0.959	2 000
Whiteside West Ribstone Creek Sand Gas Pool	+485.3	14	0.973	1 240
Whiteside West Viking Sand Gas Pool	-14.4	27	0.884	5 940
Wymark Second White Specks Gas Pool	+7.0	35	0.906	6 650
Yonker Colony Sand Gas Pool	+66.6	20	0.916	4 339
Yonker McLaren Sand Gas Pool	+56.7	22	0.907	4 254

MPR FACTORS



MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA	
				(LSDS) (A)	(ACRES)
232501	Aberfeldy G.P. Sand Pool	30	90	1	40
232106	Aberfeldy Sparky Sand Pool	30	90	1	40
435192	Alameda East Frobisher Beds Pool	35	75	2	80
433007	Alameda Midale Beds Pool	35	75	2	80
435191	Alameda West Frobisher Beds Pool	35	75	2	80
433036	Alameda West Midale Beds Pool	35	72	2	80
435038	Alida East Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
435785	Alida North Alida Beds Pool	35	75	1	40
435044	Alida West Frobisher-Alida Beds Pool	35	77	1	40
239022	Alsask Basal Mannville Sand Pool	25	75	1	40
432001	Amulet Ratcliffe Beds Pool	35	80	2	80
238103	Antelope Cantuar Sand Pool	30	90	1	40
314552	Antelope Lake East Roseray Sand Pool	30	93	2	80
238153	Antelope Lake North Cantuar Sand Pool	30	90	2	80
314558	Antelope Lake North Success-Roseray Sand Pool	25	93	1	40
314559	Antelope Lake Roseray Sand Pool	25	93	1	40
314556	Antelope Lake South Roseray Sand Pool	25	93	1	40
331064	Antelope Lake Upper Shaunavon Pool	25	93	1	40
435024	Arcola Frobisher-Alida Beds Pool	35	79	1	40
435777	Arcola North Alida Beds Pool	35	79	2	80
435002	Arcola South Frobisher-Alida Beds Pool	35	79	2	80
437024	Ashley Lake Tilston Beds Pool	40	90	2	80
435040	Auburnton Frobisher-Alida Beds Pool	35	75	1	40
227331	Avon Hill Viking Pool	35	90	1	40
232135	Baldwinton Sparky Sand Pool	30	90	1/2	20
430073	Battle Creek Madison Pool	25	90	2	80
331001	Battle Creek South Upper Shaunavon Pool	25	90	2	80
331072	Battle Creek Upper Shaunavon Pool	25	90	2	80
314540	Battrum East Roseray Sand Pool	41	97.5	1	40
314553	Battrum North Roseray Sand Pool	41	97.5	1	40
314546	Battrum Roseray Sand Pool (Upper)	41	97.5	1 & 2	40 & 80
	(Main)	17	97.5	1 & 2	40 & 80
437005	Bellegarde Tilston Beds Pool	40	90	1	40
705057	Bemersyde Red River Pool	35	83	4	160
330064	Bench Shaunavon Pool	35	90	1	40
331060	Bench Upper Shaunavon Pool	25	75	2	80
437006	Bender Central Tilston Beds Pool	40	90	1	40
437021	Bender South Tilston Beds Pool	40	90	1	40
437050	Bender Tilston Beds Pool	40	90	2	80
435763	Bennet Lake Alida Beds Pool	35	80	2	80
433076	Benson East Midale Beds Pool	50	89	2	80
435173	Benson Frobisher Beds Pool	50	89	2	80
433075	Benson Midale Beds Pool	50	89	2	80
238146	Beverley Cantuar Sand Pool	30	90	2	80
238152	Beverley East Cantuar Sand Pool	30	90	2	80
238148	Beverley North Cantuar Sand Pool	30	90	1	40
314560	Beverley Roseray Sand Pool	35	90	1	40
433035	Bienfait Midale Beds Pool	35	85	1	40
232120	Big Gully East Sparky Sand Pool	30	90	1	40
231202	Big Gully McLaren Sand Pool	30	90	1	40
234120	Big Gully North Lloydminster Sand Pool	30	90	1	40
231309	Big Gully Waseca Sand Pool	30	90	1	40
437015	Big Marsh Lake Tilston Beds Pool	40	90	2	80
231116	Bolney Colony Sand Pool	30	90	1	40
331050	Bone Creek Upper Shaunavon Pool	15	94	2	80
331007	Bone Creek West Upper Shaunavon Pool	25	96	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA	
				(LSDS) (A)	(ACRES)
705048	Bromhead East Red River Pool	35	85	2	80
433089	Bromhead Midale Beds Pool	35	75	4	160
435111	Brough Frobisher Beds Pool	35	89	2	80
435019	Browning Frobisher-Alida Beds Pool	35	75	1	40
435013	Browning North Frobisher-Alida Beds Pool	35	85	2	80
435124	Browning South Frobisher Beds Pool	35	75	2	80
435019	Bryant Frobisher Beds Pool	35	75	2 & 4	80 & 160
433099	Bryant Midale Beds Pool	35	89	2 & 4	80 & 160
441422	Buffalo Coulee Bakken Sand Pool	25	93	1/2	20
441428	Buffalo Coulee North Bakken Sand Pool	25	93	1	40
441479	Buffalo Head Bakken Sand Pool	25	75	2	80
435015	Buffalo Head Frobisher-Alida Beds Pool	35	75	2	80
321008	Burrows Red Jacket Sand Pool	38	98	1	40
330006	Butte Shaunavon Pool	35	90	1	40
331059	Butte Upper Shaunavon Pool	25	96	1 & 2	40 & 80
331047	Butte West Upper Shaunavon Pool	25	95	1 & 2	40 & 80
234133	Buzzard Lloydminster Sand Pool	30	90	1	40
232521	Buzzard North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234144	Buzzard North Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230915	Buzzard North Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232149	Buzzard North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231335	Buzzard North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
441426	Cactus Lake Basal Mannville - Bakken Sand Pool	25	95	1	40
441446	Cactus Lake East Bakken Sand Pool	25	95	1	40
231211	Cactus Lake North McLaren Sand Pool	30	90	1	40
435005	Cantal Frobisher-Alida Beds Pool	35	75	1	40
435039	Cantal South Frobisher-Alida Beds Pool	35	75	2	80
238143	Cantuar East Cantuar Sand Pool	30	90	1	40
335003	Cantuar East Lower Shaunavon Pool	25	95	1	40
314550	Cantuar East Roseray Sand Pool	35	90	1	40
314561	Cantuar Roseray Sand Pool	35	95	1	40
238141	Cantuar Main Cantuar Sand Pool	30	90	1	40
314555	Cantuar North Roseray Sand Pool	35	95	1	40
435787	Carlyle Alida Beds Pool	35	75	1	40
375143	Carlyle South Lower Watrous Pool	25	95	2	80
435180	Carnduff Frobisher Beds Pool	35	75	2	80
433006	Carnduff Midale Beds Pool	35	75	2	80
235016	Carruthers Cummings Sand Pool	30	90	1/2	20
232511	Celtic G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230903	Celtic Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232122	Celtic Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231313	Celtic Waseca Sand Pool	30	90	1/2 & 1	20 & 40
441440	Ceylon Bakken Sand Pool	25	94	2	80
331073	Chambery Upper Shaunvon Pool	20	91	2	80
705058	Chapleau Lake Red River Pool	35	83	4	160
435027	Clarilaw East Frobisher-Alida Beds Pool	35	75	2	80
435021	Clarilaw Frobisher-Alida Beds Pool	35	75	2	80
435041	Clarilaw West Frobisher-Alida Beds Pool	35	75	1	40
330062	Clintonville Shaunavon Pool	25	90	2	80
441421	Coleville Bakken Sand Pool	15	93	1/2	20
230026	Coleville Mannville Sand Pool	25	90	1	40
441429	Coleville South Bakken Sand Pool	15	93	1/2	20
230027	Coleville South Mannville Sand Pool	25	90	1	40
240025	Coleville South Success Pool	50	90	1/2 & 1	20 & 40
441441	Coleville West Bakken Sand Pool	15	93	1	40
433002	Colgate Midale Beds Pool	35	92	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA	
				(LSDS) (A)	(ACRES)
321004	Coothill Red Jacket Sand Pool	38	98	1/4	10
437018	Corning Tilston Beds Pool	40	90	2	80
437022	Corning West Tilston Beds Pool	40	90	2	80
234122	Cosine Lake Lloydminster Sand Pool	30	90	1	40
441431	Court Bakken Sand Pool	25	95	1	40
441444	Court North Bakken Sand Pool	25	95	1	40
441438	Court South Bakken Sand Pool	25	95	1	40
441451	Court West Bakken Sand Pool	25	95	1	40
331006	Covington South Upper Shaunavon Pool	15	94	1	40
331055	Covington Upper Shaunavon Pool	15	94	2	80
331071	Covington West Upper Shaunavon Pool	25	75	2	80
437011	Coyote Lake Tilston Beds Pool	40	90	2	80
435765	Creelman Alida Beds Pool	35	75	1 & 2	40 & 80
438030	Crystal Hill Souris Valley Beds Pool	40	90	1 & 2	40 & 80
430002	Dahinda Madison Pool	25	75	2	80
435028	Dalesboro Frobisher-Alida Beds Pool	35	78	2	80
435029	Dalesboro North Frobisher-Alida Beds Pool	35	78	2	80
230909	Dee Valley East Mannville Sands Pool	30	90	1	40
232125	Dee Valley East Sparky Sand Pool	30	90	1	40
231316	Dee Valley East Waseca Sand Pool	30	90	1	40
231337	Dee Valley South Waseca Sand Pool	30	90	1/2	20
231310	Dee Valley Waseca Sand Pool	30	90	1/2 & 1	20 & 40
331046	Delta Upper Shaunavon Pool	25	93	2	80
331005	Delta West Upper Shaunavon Pool	45	93	1	40
430004	Divide Madison Pool	25	90	1	40
227327	Dodsland Viking Sand Pool	35	90	1	40
335001	Dollard Lower Shaunavon Pool	25	95	2 & 4	80 & 160
331041	Dollard Upper Shaunavon Pool	5	91	1 & 2	40 & 80
230025	Druid Mannville Sands Pool	30	90	1	40
232518	Dulwich East G.P. Sand Pool	30	90	1/4	10
233116	Dulwich East Rex Sand Pool	30	90	1/4	10
232147	Dulwich East Sparky Sand Pool	30	90	1/4	10
232502	Dulwich G.P. Sand Pool	30	90	1/2	20
232109	Dulwich North Sparky Sand Pool	30	90	1/2	20
232102	Dulwich Sparky Sand Pool	30	90	1/4	10
231324	Ear Lake Waseca Sand Pool	30	90	1	40
330076	Eastbrook Shaunavon Pool	20	91	2	80
330074	Eastend Shaunavon Pool	20	91	2 & 4	80 & 160
234143	Edam North Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
232133	Edam North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231326	Edam North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231320	Edam Waseca Sand Pool	30	90	1/2 & 1	20 & 40
230904	Edam West Mannville Sands Pool	30	90	1/4 & 1/2	10 & 20
232141	Edam West Sparky/G.P. Sand Pool	30	90	1/4 & 1/2	10 & 20
231323	Edam West Waseca Sand Pool	30	90	1/4 & 1/2	10 & 20
437033	Edenvale North Tilston Beds Pool	40	90	1	40
437032	Edenvale Tilston Beds Pool	40	90	2	80
433096	Elcott East Midale Beds Pool	35	75	2	80
435184	Elmore Frobisher Beds Pool	45	86	1	40
433018	Elmore Midale Beds Pool	35	75	2	80
433003	Elswick East Midale Beds Pool	35	88	2	80
433001	Elswick Midale Beds Pool	35	88	2	80
433011	Elswick South Midale Beds Pool	50	89	2	80
232504	Epping G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230913	Epping Mannville Sands Pool	30	90	1/2 & 1	20 & 40
235005	Epping North Cummings Sand Pool	30	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
232503	Epping North G.P. Sand Pool	30	90	1	40
231218	Epping North McLaren Sand Pool	30	90	1	40
232151	Epping North Sparky Sand Pool	30	90	1	40
232110	Epping South Sparky Sand Pool	30	90	1	40
232104	Epping Sparky Sand Pool	30	90	1/2 & 1	20 & 40
230032	Ermine Mannville Sands Pool	30	90	1	40
227323	Eureka Viking Pool	35	90	1	40
230916	Evesham North Mannville Sands Pool	30	90	1	40
231208	Evesham North McLaren Sand Pool	30	90	1	40
232145	Evesham North Sparky Sand Pool	30	90	1	40
232142	Evesham Sparky Sand Pool	30	90	1	40
235910	Eyehill Cummings-Dina Sand Pool	30	90	1	40
235004	Eyehill North Cummings Sand Pool	30	90	1	40
232132	Eyehill North Sparky Sand Pool	30	90	1	40
437037	Fertile Tilston Beds Pool	40	90	1	40
437580	Fertile Tilston-Souris Valley Beds Pool	40	90	1	40
432085	Flat Lake Ratcliffe Beds Pool	35	80	2	80
437019	Flinton Tilston Beds Pool	40	90	2	80
435187	Florence Frobisher Beds Pool	35	75	2	80
230902	Forest Bank Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232123	Forest Bank Sparky Sand Pool	30	90	1/2 & 1	20 &40
231305	Forest Bank Waseca Sand Pool	30	90	1/2 & 1	20 & 40
227338	Forgan Viking Sand Pool	35	90	1	40
227351	Forgan West Viking Sand Pool	35	90	1	40
314541	Fosterton Roseray Sand Pool	16	95	1	40
238151	Fosterton South Cantuar Sand Pool	30	90	1	40
314554	Fosterton South Roseray Sand Pool	16	95	1	40
432090	Freda Lake Ratcliffe Beds Pool	35	90	2	80
230914	Freemont Mannville Sands Pool	30	90	1	40
231115	Freemont South Colony Sand Pool	30	90	1	40
232130	Freemont Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231315	Freemont Waseca Sand Pool	30	90	1/4, 1/2, 1	10, 20, 40
232118	Freemont West Sparky Sand Pool	30	90	1	40
435082	Freestone Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
375142	Fremantle Lower Watrous Pool	25	95	2	80
705053	Froude Red River Pool	25	83	4	160
437581	Frys East Tilston-Souris Valley Beds Pool	40	90	1	40
437579	Frys Tilston-Souris Valley Beds Pool	40	90	1	40
232113	Furness Sparky Sand Pool	30	90	1/4	10
441425	Fusilier Bakken Sand Pool	25	95	1	40
441447	Fusilier North Bakken Sand Pool	25	95	1	40
435009	Gainsborough Frobisher-Alida Beds Pool	30	75	1 & 2	40 & 80
435020	Gainsborough North Frobisher-Alida Beds Pool	30	75	1	40
435113	Gainsborough West Frobisher Beds Pool	30	75	2	80
331051	Gardenhead South Upper Shaunavon Pool	25	96	1	40
331003	Gardenhead Upper Shaunavon Pool	25	96	2	80
435181	Glen Ewen Frobisher Beds Pool	35	75	2	80
433008	Glen Ewen Midale Beds Pool	35	75	2 & 4	80 & 160
435126	Glen Ewen North Frobisher Beds Pool	35	75	1 & 2	40 & 80
230906	Golden Lake North Mannville Sands Pool	30	90	1	40
232112	Golden Lake North Sparky Sand Pool	30	90	1	40
231306	Golden Lake North Waseca Sand Pool	30	90	1	40
230908	Golden Lake South Mannville Sands Pool	30	90	1	40
232107	Golden Lake South Sparky Sand Pool	30	90	1	40
231308	Golden Lake South Waseca Sand Pool	30	90	1	40
435168	Griffin Frobisher Beds Pool	35	89	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA	
				(LSDS) (A)	(ACRES)
435115	Griffin North Frobisher Beds Pool	35	89	2	80
238142	Gull Lake Basal Cantuar Sand Pool	35	92	1	40
331058	Gull Lake Central Upper Shaunavon Pool	25	97	2	80
238144	Gull Lake North Basal Cantuar Sand Pool	35	92	1	40
331043	Gull Lake North Upper Shaunavon Pool	25	97	1	40
314539	Gull Lake Roseray Sand Pool	25	93	1	40
331057	Gull Lake South Upper Shaunavon Pool	25	97	2	80
231307	Gully Lake Waseca Sand Pool	30	90	1	40
435761	Handsworth Alida Beds Pool	35	75	1 & 2	40 & 80
435087	Hartaven Frobisher-Alida Beds Pool	40	89	1	40
707004	Hartaven Winnipeg Sand Pool	15	85	4	160
435190	Hastings East Frobisher Beds Pool	35	75	2	80
435177	Hastings Frobisher Beds Pool	35	75	1 & 2	40 & 80
435125	Hastings North Frobisher Beds Pool	35	75	1	40
435160	Hastings West Frobisher Beds Pool	35	75	2	80
437020	Hazelwood Central Tilston Beds Pool	40	90	1 & 2	40 & 80
437029	Hazelwood South Tilston Beds Pool	40	90	2	80
437027	Hazelwood Tilston Beds Pool	40	90	1	40
437028	Hazelwood West Tilston Beds Pool	40	90	2	80
314548	Hazlet Roseray Sand Pool	21	94.7	1	40
441430	Hearts Hill Bakken Sand Pool	25	96	1	40
435112	Heward Frobisher Beds Pool	40	89	2	80
435109	Heward South Frobisher Beds Pool	35	89	2	80
232515	Hillmond G.P. Sand Pool	30	90	1	40
232127	Hillmond South Sparky Sand Pool	30	90	1	40
232115	Hillmond Sparky Sand Pool	30	90	1	40
543006	Hitchcock Winnipegosis Pool	25	75	2 & 4	80 & 160
432094	Hoffer Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
441424	Hoosier Bakken Sand Pool	25	96	1	40
435167	Hume Frobisher Beds Pool	35	89	1 & 2	40 & 80
433091	Hume Midale Beds Pool	35	89	2	80
441478	Hummingbird Bakken Sand Pool	25	96	2	80
521029	Hummingbird Birdbear Pool	25	83	2	80
432088	Hummingbird Ratcliffe Beds Pool	25	75	2	80
441481	Hummingbird South Bakken Sand Pool	25	83	1	40
432095	Hummingbird South Ratcliffe Beds Pool	35	89	1	40
435163	Huntoon Frobisher Beds Pool	50	89	1 & 2	40 & 80
	(East Group)	35	89	1 & 2	40 & 80
433079	Huntoon Midale Beds Pool	50	89	2 & 4	80 & 160
435189	Huntoon North Frobisher Beds Pool	35	89	1	40
331054	Illerbrun Upper Shaunavon Pool	15	94	2	80
435760	Ingoldsby East Alida Beds Pool	35	75	2	80
435003	Ingoldsby Frobisher-Alida Beds Pool	35	89	1	40
435767	Ingoldsby North Alida Beds Pool	35	89	2	80
435042	Ingoldsby West Frobisher-Alida Beds Pool	35	75	1	40
435165	Innes Frobisher Beds Pool	35	89	2	80
331049	Instow Upper Shaunavon Pool	5	94	2	80
238150	Java Cantuar Sand Pool	30	90	2	80
238104	Java North Cantuar Sand Pool	30	90	1	40
238105	Java West Cantuar Sand Pool	30	90	1	40
331042	Johnston Upper Shaunavon Pool	25	97	1	40
438020	Kennedy Souris Valley Beds Pool	40	90	2	80
437016	Kenosee Tilston Beds Pool	40	90	2	80
230012	Kerrobert Mannville Sand Pool	30	90	1	40
230013	Kerrobert North Mannville Sand Pool	30	90	1	40
227342	Kerrobert Viking Sand Pool	35	90	1/2 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA	
				(LSDS) (A)	(ACRES)
521034	Kisbey Birdbear Pool	40	75	2	80
435025	Kisbey Frobisher-Alida Beds Pool	26	80	1	40
435022	Kisbey South Frobisher-Alida Beds Pool	35	80	1	40
432086	Lake Alma Ratcliffe Beds Pool	35	80	2	80
231201	Landrose McLaren Sand Pool	30	90	1/2 & 1	20 & 40
231301	Landrose Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231339	Lashburn East Waseca Sand Pool	30	90	1	40
231220	Lashburn McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232129	Lashburn South Sparky Sand Pool	30	90	1	40
231314	Lashburn South Waseca Sand Pool	30	90	1	40
232116	Lashburn Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231303	Lashburn Waseca Sand Pool	30	90	1/2 & 1	20 & 40
232137	Lashburn West Sparky Sand Pool	30	90	1/2 & 1	20 & 40
330047	Leitchville Shaunavon Pool	35	90	2	80
330048	Leon Lake Shaunavon Pool	25	90	2	80
437023	Lightning Tilston Beds Pool	40	90	1	40
437017	Lightning South Tilston Beds Pool	40	90	2	80
232124	Lloydminster Sparky Sand Pool	30	90	1/2	20
232103	Lone Rock Sparky Sand Pool	30	90	1/4	10
231328	Long Lake Waseca Sand Pool	30	90	1	40
435073	Lost Horse Hill Frobisher-Alida Beds Pool	45	89	1 & 2	40 & 80
433081	Lougheed Midale Beds Pool	35	89	1 & 2	40 & 80
240024	Loverna Success Pool	25	75	1	40
231341	Low Lake East Waseca Sand Pool	30	90	1/4	10
231302	Low Lake Waseca Sand Pool	30	90	1/2	20
227335	Lucky Hills Viking Pool	35	90	1	40
441432	Luseland Bakken Sand Pool	25	95	1	40
230002	Luseland Mannville Sand Pool	30	90	1	40
232126	Macklin Sparky Sand Pool	30	90	1	40
433095	Macoun Midale Beds Pool	35	89	2	80
543007	Macoun North Winnipegosis Pool	19	74	1, 2 & 4	40, 80 & 160
433012	Macoun South Midale Beds Pool	35	89	1	40
433069	Macoun West Midale Beds Pool	40	89	4	160
543005	Macoun Winnipegosis Pool	19	74	4	160
230912	Maidstone Mannville Sands Pool	30	90	1	40
231205	Maidstone McLaren Sand Pool	30	90	1	40
231322	Maidstone Waseca Sand Pool	30	90	1	40
314543	Main Success Roseray Sand Pool	30	93	1	40
231210	Manito Lake East McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232143	Manito Lake Sparky Sand Pool	30	90	1	40
435503	Manor Lower Watrous-Alida Beds Pool	35	75	2	80
375144	Manor North Lower Watrous Pool	25	75	2	80
705055	Mansur Red River Pool	25	83	4	160
239007	Mantario East Basal Mannville Sand Pool	14	75	1	40
239005	Mantario North Basal Mannville Sand Pool	14	75	1	40
239010	Marengo South Basal Mannville Sand Pool	14	75	1	40
232111	Marsden North Sparky Sand Pool	30	90	1	40
232138	Marsden South Sparky Sand Pool	30	90	1/2 & 1	20 & 40
232105	Marsden Sparky Sand Pool	30	90	1/4 & 1/2	10 & 20
435080	Melrose Frobisher-Alida Beds Pool	45	89	1	40
234123	Meota Lloydminster Sand Pool	30	90	1	40
231345	Mervin Central Waseca Sand Pool	30	90	1	40
232152	Mervin Central Sparky Sand Pool	30	90	1	40
231343	Mervin East Waseca Sand Pool	30	90	1	40
231344	Mervin South Waseca Sand Pool	30	90	1	40
231332	Mervin Waseca Sand Pool	30	90	1/2 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
435161	Midale Central Frobisher Beds Pool	50	89	1 & 2	40 & 80
433072	Midale Central Midale Beds Pool	50	89	2	80
705051	Midale Red River Pool	25	83	4	160
705052	Midale West Red River Pool	25	83	4	160
441439	Milton Bakken Sand Pool	25	95	1	40
240026	Milton Success Pool	25	75	1	40
433070	Minard Midale Beds Pool	35	89	4	160
705049	Minton Red River Pool	35	90	2 & 4	80 & 160
543008	Minton Winnipegosis Pool	34	90	2 & 4	80 & 160
705056	Montmartre Red River Pool	36	83	4	160
437014	Moose Mountain Tilston Beds Pool	40	90	1	40
437030	Moose Valley South Tilston Beds Pool	40	90	1 & 2	40 & 80
437076	Moose Valley Tilston Beds Pool	40	90	1	40
321003	Moosomin Red Jacket Sand Pool	39	99	1/4	10
435031	Morrisview Frobisher-Alida Beds Pool	35	80	2	80
435004	Morrisview South Frobisher-Alida Beds Pool	35	80	2	80
435032	Morrisview West Frobisher-Alida Beds Pool	35	80	2	80
231105	Neilburg Colony Sand Pool	30	90	1	40
230911	Neilburg Mannville Sands Pool	30	90	1	40
231203	Neilburg McLaren Sand Pool	30	90	1	40
433019	Neptune North Midale Beds Pool	35	92	2	80
432092	Neptune Ratcliffe Beds Pool	35	80	4	160
433026	North Antler Midale Beds Pool	35	75	2	80
435762	North Handsworth Alida Beds Pool	35	75	2	80
441423	North Hoosier Bakken Sand Pool	25	95	1	40
239021	North Hoosier Basal Mannville Sand Pool	25	90	1/2	20
433010	North Portal Midale Beds Pool	35	75	2	80
314542	North Premier Roseray Sand Pool	25	93	1	40
331044	North Premier Upper Shaunavon Pool	25	93	1	40
441433	North Smiley Bakken Sand Pool	25	93	1	40
435120	Northgate East Frobisher Beds Pool	35	75	2	80
435185	Northgate Frobisher Beds Pool	35	75	1	40
433020	Northgate Midale Beds Pool	35	75	2	80
232509	Northminster North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
232134	Northminster North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
232108	Northminster Sparky Sand Pool	30	90	1	40
435780	Nottingham Alida Beds Pool	35	75	2	80
437010	Nottingham East Tilston Beds Pool	40	90	2	80
437004	Nottingham North Tilston Beds Pool	40	90	2	80
435083	Nottingham South Frobisher-Alida Beds Pool	22	75	1 & 2	40 & 80
331074	Notukeu Upper Shaunavon Pool	25	75	4	160
435178	Oakley Frobisher Beds Pool	35	75	2	80
239019	Onward Basal Mannville Sand Pool	25	95	1/2 & 1	20 & 40
435116	Openshaw Frobisher Beds Pool	35	75	2	80
432083	Oungre Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
435175	Oxbow Frobisher Beds Pool	35	75	2	80
438022	Parkman Souris Valley Beds Pool	50	90	2	80
437578	Parkman South Tilston-Souris Valley Beds Pool	40	90	1	40
437013	Parkman Tilston Beds Pool	40	90	1	40
437576	Parkman Tilston-Souris Valley Beds (Tilston)	40	90	1	40
	(Souris Valley)	50	90	1	40
331061	Pennant Upper Shaunavon Pool	25	95	1	40
435702	Pheasant Rump Alida Beds Pool	35	75	2	80
232507	Pikes Peak G.P. Sand Pool	30	90	1	40
232128	Pikes Peak Sparky Sand Pool	30	90	1	40
231312	Pikes Peak Waseca Sand Pool	30	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
433082	Pinto East Midale Beds Pool	35	75	2	80
435182	Pinto Frobisher Beds Pool	35	75	1 & 2	40 & 80
433015	Pinto Midale Beds Pool	35	75	2	80
227340	Plato North Viking Pool	35	90	1	40
227333	Plato Viking Pool	35	90	1	40
227345	Plenty Viking Sand Pool	35	90	1	40
441427	Plover Lake Bakken Sand Pool	25	95	1	40
441480	Plover Lake East Bakken Sand Pool	25	95	1	40
231209	Plover Lake McLaren Sand Pool	25	95	1/2 & 1	20 & 40
441445	Plover Lake South Bakken Sand Pool	25	95	1	40
441450	Plover Lake West Bakken Sand Pool	25	95	1	40
227343	Prairiedale Viking Sand Pool	35	90	1	40
435010	Queensdale East Frobisher-Alida Beds Pool	35	85	1	40
435782	Queensdale North Alida Beds Pool	35	75	1	40
435781	Queensdale West Alida Beds Pool	35	75	1	40
375140	Queensdale West Lower Watrous Pool	25	75	2	80
433097	Ralph Midale Beds Pool	35	89	2	80
433005	Ralph West Midale Beds Pool	35	89	1 & 2	40 & 80
430003	Rangeview East Madison Pool	25	90	1	40
430001	Rangeview Madison Pool	25	90	1	40
335002	Rapdan North Lower Shaunavon Pool	20	91	4	160
331004	Rapdan South Upper Shaunavon Pool	20	91	4	160
331045	Rapdan Upper Shaunavon Pool	20	91	1 & 2	40 & 80
330063	Rapdan West Shaunavon Pool	20	91	4	160
354902	Red Jacket Gravelbourg Pool	38	98	2	80
321002	Red Jacket Sand Pool	38	98	1/4	10
321006	Red Jacket South Red Jacket Sand Pool	38	98	1/4	10
437031	Redvers Tilston Beds Pool	40	90	2	80
231338	Reward Waseca Sand Pool	30	90	1	40
441476	Rocanville Bakken Sand Pool	35	75	1	40
441477	Roncott Bakken Sand Pool	25	94	2	80
435779	Rosebank Alida Beds Pool	35	79	1	40
435778	Rosebank South Alida Beds Pool	35	79	1	40
238106	Ross Lake Cantuar Sand Pool	30	90	1	40
232519	Rush Lake G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230905	Rush Lake Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232140	Rush Lake Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231321	Rush Lake Waseca Sand Pool	30	90	1/2 & 1	20 & 40
235918	Rutland Cummings-Dina Sand Pool	30	90	1	40
234142	Salt Lake Lloydminster Sand Pool	30	90	1	40
235920	Senlac Cummings-Dina Sand Pool	30	90	1	40
234139	Senlac Lloydminster Sand Pool	30	90	1	40
231327	Senlac Waseca Sand Pool	30	90	1	40
437009	Service Tilston Beds Pool	40	90	2	80
239023	Seward Basal Mannville Sand Pool	30	90	2	80
238155	Seward Cantuar Sand Pool	30	90	2	80
240027	Seward Success Sand Pool	30	90	2	80
435164	Sherwood Frobisher Beds Pool	35	86	1	40
232101	Silverdale Sparky Sand Pool	30	90	1/4 & 1/2 & 1	10 & 20 & 40
435122	Silverton East Frobisher Beds Pool	35	75	2	80
435179	Silverton Frobisher Beds Pool	35	75	1	40
435117	Silverton North Frobisher Beds Pool	35	75	2	80
435006	Silverton West Frobisher-Alida Beds Pool	35	75	1	40
432096	Skinner Lake Ratcliffe Beds Pool	35	80	2	80
441443	Smiley Bakken Sand Pool	25	93	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
227023	Smiley-Dewar Viking Pool	35	90	1	40
235015	Soda Lake Cummings Sand Pool	30	90	1	40
435186	Souris Flat Frobisher Beds Pool	35	75	1	40
435174	Souris Flat South Frobisher Beds Pool	35	75	1	40
437002	South Fletwode Tilston Beds Pool	40	90	1	40
314545	South Success Roseray Sand Pool	30	93	1	40
232520	Standard Hill North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
233117	Standard Hill North Rex Sand Pool	30	90	1/2 & 1	20 & 40
232148	Standard Hill North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231333	Standard Hill North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231311	Standard Hill Waseca Sand Pool	30	90	1	40
231214	Standard Hill West McLaren Sand Pool	30	90	1/2	20
435001	Star Valley Frobisher-Alida Beds Pool	35	81	1	40
435014	Star Valley South Frobisher-Alida Beds Pool	36	81	2	80
435176	Steelman Frobisher Beds Pool	35	75	2	80
433004	Steelman Midale Beds Pool	35	72	2	80
543009	Steelman Winnipegosis Pool	33	88	4	160
435786	Storthoaks Alida Beds Pool	35	79	2	80
437007	Storthoaks East Tilston Beds Pool	40	90	2	80
437008	Storthoaks North Tilston Beds Pool	40	90	2	80
437035	Storthoaks Tilston Beds Pool	40	90	2	80
435078	Stoughton Frobisher-Alida Beds Pool	35	86	2	80
435118	Stoughton North Frobisher Beds Pool	35	86	2	80
435171	Stoughton South Frobisher Beds Pool	36	86	2	80
314551	Success North Roseray Sand Pool	30	93	1	40
314544	Success Roseray Sand Alpha Pool	30	93	1	40
238145	Suffield Basal Cantuar Sand Pool	35	92	1	40
314549	Suffield Roseray Sand Pool	35	95	1 & 2	40 & 80
331052	Suffield Upper Shaunavon Pool	25	97	2	80
238107	Suffield West Cantuar Sand Pool	30	90	1	40
231336	Superb North Waseca Sand Pool	30	90	1	40
231342	Superb Waseca Sand Pool	30	90	1	40
543004	Tableland Winnipegosis Pool	19	73	4	160
231204	Tangleflags East McLaren Sand Pool	30	90	1	40
232505	Tangleflags G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234121	Tangleflags Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230901	Tangleflags Mannville Sands Pool	30	90	1/2 & 1	20 & 40
231206	Tangleflags McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232506	Tangleflags North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234128	Tangleflags North Lloyd/Cummings Sand Pool	30	90	1/2 & 1	20 & 40
232114	Tangleflags Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231340	Tangleflags Waseca Sand Pool	30	90	1/2 & 1	20 & 40
232508	Tangleflags West G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234132	Tangleflags West Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230907	Tangleflags West Mannville Sands Pool	30	90	1/2 & 1	20 & 40
231207	Tangleflags West McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232131	Tangleflags West Sparky Sand Pool	30	90	1/2 & 1	20 & 40
433080	Tatagwa Central Midale Beds Pool	35	92	1	40
433098	Tatagwa Midale Beds Pool	35	92	1 & 2	40 & 80
433088	Tatagwa North Midale Beds Pool	35	92	2	80
433009	Tatagwa West Midale Beds Pool	35	92	2	80
433013	Taylorton Midale Beds Pool	35	85	2	80
435701	Thirty Lake Alida Beds Pool	35	79	2	80
232150	Turtleford Sparky Sand Pool	30	90	1/2	20
231334	Turtleford Waseca Sand Pool	30	90	1/2	20
705054	Tyvan Red River Pool	35	91	4	160

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
433021	Union Jack Midale Beds Pool	35	89	2	80
227321	Verendrye Viking Sand Pool	35	90	1	40
314547	Verlo Roseray Sand Pool	21	90	1	40
435110	Viewfield East Frobisher Beds Pool	35	86	2	80
435170	Viewfield Frobisher Beds Pool	35	86	1	40
390001	Viewfield Rim Pool	35	86	1	40
433071	View Hill Midale Beds Pool	50	89	2	80
230019	Wapella Mannville Sand Pool	25	99	1 & 2	40 & 80
321007	Wapella Red Jacket Sand Pool	28	99	1	40
238661	Wapella Sand Pool	25	99	1	40
435784	Warmley Alida Beds Pool	35	90	2	80
436277	Wauchope Alida Tilston Beds Pool	35	75	1	40
437034	Wauchope Central Tilston Beds Pool	40	90	2	80
437003	Wauchope North Tilston Beds Pool	40	90	1	40
435766	Wauchope South Alida Beds Pool	35	85	2	80
435764	Wauchope West Alida Beds Pool	35	75	2	80
238101	Webb Cantuar Sand Pool	30	90	1	40
238102	Webb South Cantuar Sand Pool	30	90	1	40
238154	Webb West Cantuar Sand Pool	30	90	1	40
435169	Weir Hill Frobisher Beds Pool	35	75	1	40
441475	Welwyn Bakken Sand Pool	35	75	2	80
321005	Welwyn Red Jacket Pool	35	75	1	40
441474	Welwyn South Bakken Sand Pool	35	75	1	40
435166	West Innes Frobisher Beds Pool	35	89	1	40
433077	West Kingsford Midale Beds Pool	35	83.6	2	80
232510	Westhazel G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230910	Westhazel Mannville Sand Pool	30	90	1/2 & 1	20 & 40
232136	Westhazel Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231329	Westhazel Waseca Sand Pool	30	90	1/2 & 1	20 & 40
435162	Weyburn Frobisher Beds Pool	35	89	1 & 2	40 & 80
433074	Weyburn Midale Beds Pool	35	89	2	80
	(Northern Portion of Pool)	50	89	2	80
437012	White Bear Tilston Beds Pool	40	90	1	40
437577	White Bear Tilston-Souris Valley Beds (Tilston)	40	90	1	40
	(Souris Valley)	50	90	1	40
330075	Whitemud Shaunavon Pool	20	91	2	80
227326	Whiteside Viking Sand Pool	40	91	1	40
435783	Wildwood Alida Beds Pool	35	75	2	80
435011	Willmar Frobisher-Alida Beds Pool	25	78	1	40
435059	Willmar North Frobisher-Alida Beds Pool	35	78	2	80
435114	Willmar West Frobisher Beds Pool	35	78	2	80
435188	Winmore Frobisher Beds Pool	45	85	2	80
235007	Winter Cummings Sand Pool	30	90	1	40
235008	Winter South Cummings Sand Pool	30	90	1	40
231219	Winter South McLaren Sand Pool	30	90	1	40
435121	Wordsworth East Frobisher Beds Pool	35	79	2	80
435012	Wordsworth Frobisher-Alida Beds Pool	35	75	2	80
435023	Wordsworth North Frobisher-Alida Beds Pool	35	79	2	80
435183	Workman Frobisher Beds Pool	35	84	2	80
433017	Workman Midale Beds Pool	35	79	2	80
435119	Workman South Frobisher Beds Pool	35	84	2	80

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* Factors in effect on January 1, 2002

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